PHC80-R-2E



History

Part E

Chapter 9. Research, Evaluation, and Experimentation

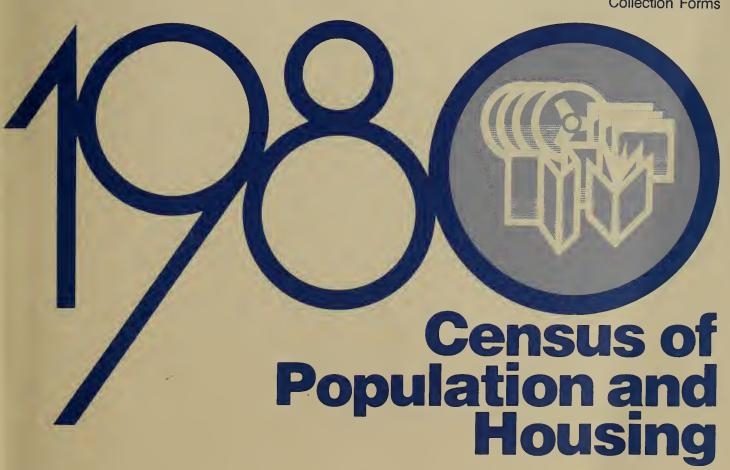
Chapter 10. Legislation and Litigation

Chapter 11. Puerto Rico and Outlying Areas

Appendix A. Organization and Key Personnel

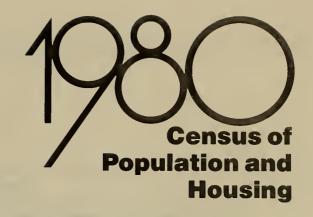
Appropriations, Obligations and Costs, by Fiscal Year

Appendix C. Facsimiles of Selected Data-Collection Forms



U.S. Department of Commerce
BUREAU OF THE CENSUS





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Issued August 1989



U.S. Department of Commerce Robert A. Mosbacher, Secretary Michael R. Darby, Under Secretary for Economic Affairs

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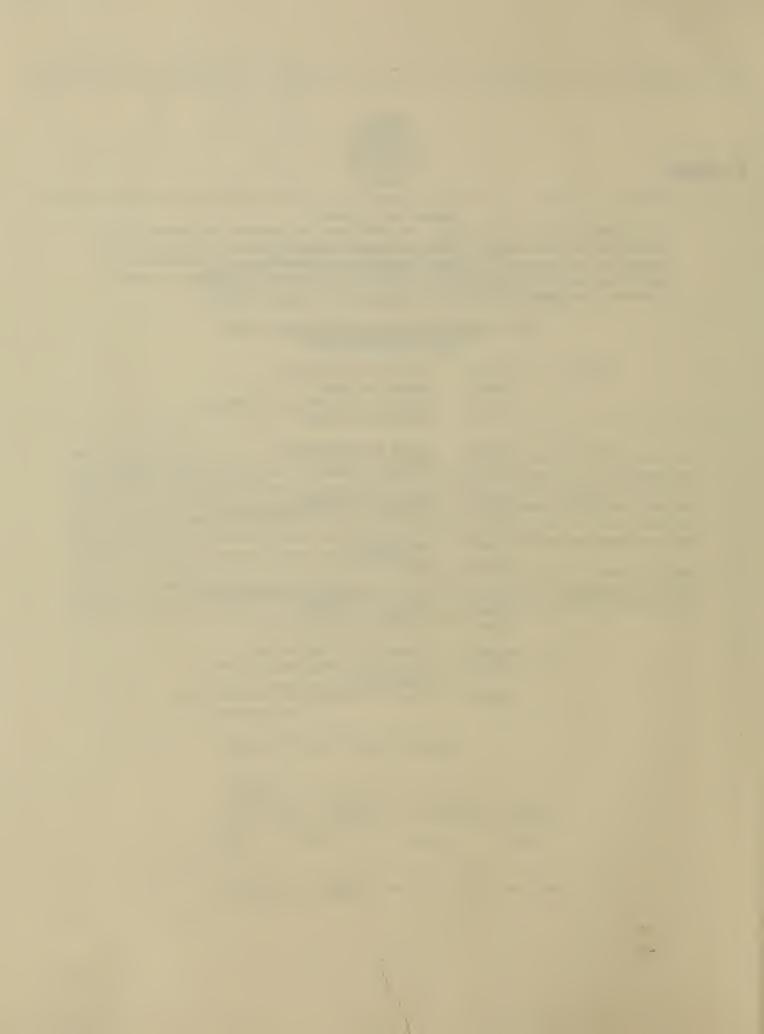
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Preface

The following chapters are portions of the *1980 Census of Population and Housing: History* (PHC80-R-2). This report describes in detail most aspects of the 1980 census, from its early stages of research and planning through the tabulation, publication, and dissemination of the final results. The detailed treatment includes, where appropriate, a discussion of some of the problems encountered in implementing the census plan.

Reports on the 1980 Census of Population and Housing Which Have Appeared to Date

PHC-R-2A	Chapter 1. Chapter 2. Chapter 3.	Introduction and Overview Planning the Census Geography, Addresses, and Questionnaire Printing and Labeling
PHC-R-2B	Chapter 4. Chapter 5.	Census Promotion Program Field Enumeration
PHC-R-2C	Chapter 7. Chapter 12.	Sampling and Estimation Population and Housing Content Items
PHC-R-2D	Chapter 6. Chapter 8.	Data Processing Data Products
PHC-R-2E	Chapter 9. Chapter 10. Chapter 11.	Research, Evaluation, and Experimentation Legislation and Litigation Puerto Rico and Outlying Areas
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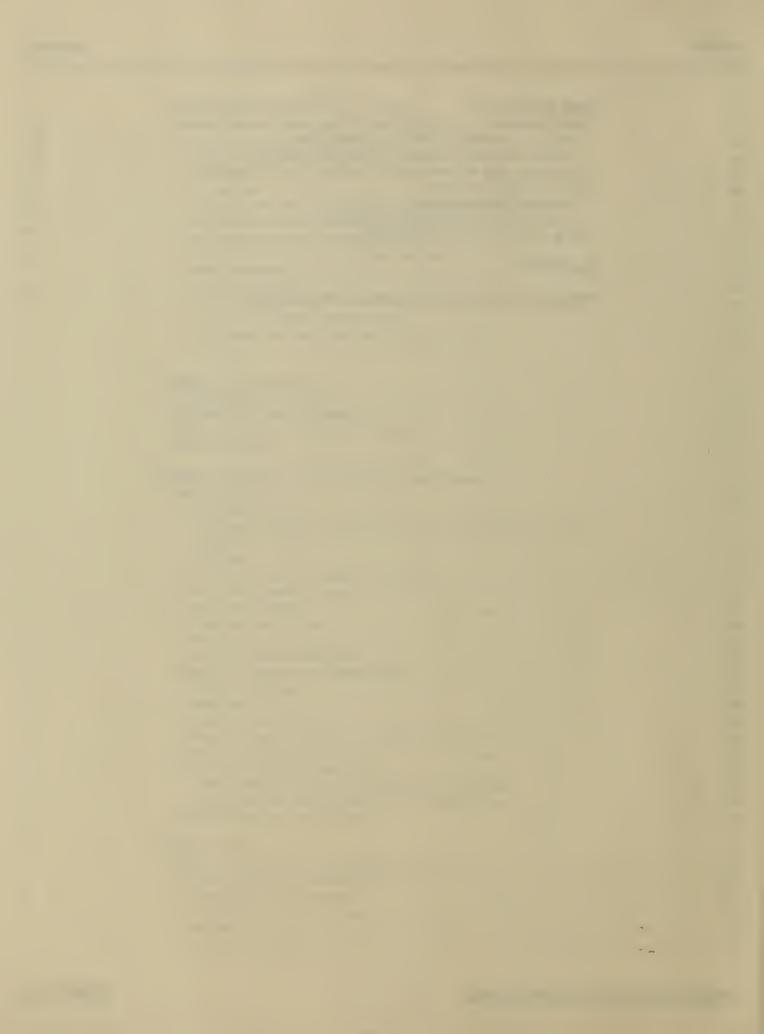
Chapter 9. Research, Evaluation, and Experimentation

(Page numbers here omit the chapter prefix, 9-, which appears as part of the number of individual pages and appendixes. Each chapter is paginated separately for convenience of issue)

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Chapter 9. Research, Evaluation, and Experimentation

INTRODUCTION

Starting with the 1950 Census of Population and Housing, the Census Bureau has followed a policy of carrying out a careful evaluation of each census's accuracy in terms of coverage, content, and procedures, together with research and experimentation.

In the 1950 and subsequent censuses, population coverage was evaluated through a post-enumeration survey (PES) and demographic analysis. Content evaluation for 1950 applied two basic methodologies—reenumeration and record checks—that continued to be utilized and developed in later years. Procedures were subjected to studies of data-collection methodology and enumerator variance, experiments with self-enumeration, and a test of a separate questionnaire for each household as an alternative to the 1950 census "line" schedule, which listed 30 persons and 12 dwelling units. The 1950 evaluation program led to increased use of self-enumeration and sampling in the 1960 census, as well as wording changes in some of the questions.

For 1960, a match between the census and the Current Population Survey (CPS) produced indexes of inconsistency for various labor-force and income characteristics, and a sample of 5,000 census-sample households was reinterviewed in order to estimate simple response variance and response bias. The staff studied the effects of dependent vs. independent reconciliation, and carried out two major record checks to evaluate respondent reports on income, and occupation and industry. There were several analyses of sources of error in census data caused by enumerator and crew leader biases, response variance, coder variance, and violation of processing rules. Prior to and during the census, there also were coverage improvement studies in selected areas, in which postal carriers reported any missed or duplicated households on their routes. Most study results led to further expansion of self-enumeration and to improvement in processing procedures for the 1970 census.

There were three major reenumeration studies of content errors in the 1970 census. One, covering about 11,000 housing units, emphasized items included in the census for the first time (some of which were subjected to a three-way match to administrative records as well), and led to estimates of simple response variance for selected characteristics. In a second study, a sample of 40,000 households was reinterviewed to estimate response bias in the census question on disability. The third study was another CPS-census match to determine response

differences between the March 1970 CPS and the census. Content error was evaluated through record checks and reporting error through examination of the responses to such items as employment 5 years ago, value of home, and place of work. Procedural evaluations and tests in the 1970 census analyzed enumerator coding, sample control, distortions in sample size, special coverage-improvement procedures, field quality control, and geographic coding. Finally, mail procedures were tried in "conventional" district offices (i.e., those using the traditional door-to-door enumeration method) to see whether it was feasible and appropriate to expand the mail census further into these areas in 1980. These evaluations identified problems with content, questionnaire design, data collection, and processing procedures that were addressed in planning the 1980 census. The mail extension test and the studies of correlated response error encouraged the expansion of the mail census from 65 percent of the population in 1970 to 95 percent in 1980.

The 1980 census had a research, evaluation, and experimental (REX) program consisting of over 40 separate projects that could be categorized in terms of their objectives as follows:

- Coverage evaluation and coverage measurement procedures—By far the largest group of projects, this category included the major coverage measurement studies. Population coverage was estimated through the post-enumeration program (PEP), administrative-record matching, and demographic analysis. Housing coverage, including estimates of overenumeration, was the topic of three studies, while the forward- and retrospective-trace studies and the IRS [Internal Revenue Service]/census match dealt with alternative population-coverage measurement procedures.
- Experimental program—The research efforts in this category included tests of alternative data-collection methods and ways to recruit, train, and maintain the temporary work force.
- Coverage-improvement evaluations—The studies in this category evaluated the cost, results, and field procedures for various components of the 1980 census coverage-improvement program.
- Processing and quality-control evaluations—A number of evaluations to study various aspects of the data capture and processing system were included in this category. The staff was particularly interested in the effectiveness of qualitycontrol operations on the census program.

- Content evaluations—These investigated the validity of the responses to various census questions, such as utility costs and education.
- "Other" studies—Two studies in this category, one of the components of variance and the other of total error, were designed to estimate nonsampling errors in the census data. The other evaluations addressed the effect of the publicity program and respondents' behavior regarding the census questionnaire.

These projects are described in the sections that follow. Much of the information in this chapter is taken from preliminary evaluation results memorandums (PERM's), which were Census Bureau staff members' internal-use documents. Their conclusions did not necessarily represent official Census Bureau statements. Relevant PERM numbers appear in the text; appendix 9A contains a complete numerical list. Further references appear in the bibliography at the end of the chapter.

A number of the REX studies were designed purposely to be carried out during, rather than after, the census. This would allow researchers to examine procedures and data at various stages of completeness or to conduct experiments side by side with standard census activities and use the latter as controls. These optimal conditions could not always be met, so that a number of the REX projects had procedural and/or timing problems, or could not be finished. In other cases, both during and after the census, the data were insufficient or inconclusive. Some of the results were tentative in nature. In a few instances, the studies were not completed. Thus, any REX project conclusions reported below should be used with caution.

COVERAGE EVALUATION AND MEASUREMENT PROCEDURES

Introduction

Measuring and evaluating census coverage involved surveys and studies after the enumeration had been completed. These activities, which are described below, included independent estimates, a set of studies dealing with housing units and their occupants, and matches of census records with other data bases.

Post-Census Coverage Evaluation Program

This portion of the program developed independent checks of the coverage of population and housing units in the 1980 census. There were two main procedures used to estimate population undercount:

Demographic analysis was used to construct estimates of the total U.S. population and its components by race, age, and sex from aggregate statistics on births, deaths, immigration, emigration, past censuses, Medicare enrollment, and other sources.

The 1980 Post-Enumeration Program (PEP) employed samplesurvey methods to measure directly the distinct components of census coverage error, and by this means to estimate the net coverage error for the census.

Demographic analysis—For over 40 years the Census Bureau has used methods of demographic analysis, widely utilized by demographers to develop population estimates and projections as well as estimates of census coverage. As a tool for census evaluation, demographic analysis involves first developing estimates for the population in various categories, such as age-sex-race groups, at the census date by combining various types of demographic data. The estimated values then are compared with the corresponding census counts to yield a measure of net census coverage:

Census	Census	divided	Demographic
coverage = rate	count	by	estimate (or estimated population)
and Census			Census
undercount =	1.0	minus	
rate	1.0	minus	coverage rate

Demographic analysis' foundations are the logical consistency and interrelationships of the underlying demographic variables and the data used to measure them. These data, drawn from sources essentially independent of the census, include: Birth, death, and immigration statistics; expected sex ratios, life tables, etc.; historical series of census data; and data from sample surveys. The data are corrected for various types of errors and, as such, are assumed to be more accurate than the census being evaluated. The method's overall accuracy depends on the quality of the demographic data and the corrections.

The particular procedure used to estimate coverage nationally for the various subgroups in the 1980 census depended primarily on the nature and availability of the required demographic data. In brief, the principal estimates were derived as follows:

 Estimates of the population under age 45 in 1980 for both sexes and each race category (White, Black, and other) were based directly on births from 1935 to 1980, corrected for underregistration. The adjusted births were carried forward to later census dates with statistics and estimates of deaths, immigration, and emigration (i.e., components of change) using a basic demographic accounting relationship, namely, population equals births minus deaths plus in-migrants minus out-migrants.

- Estimates of the White population aged 45 to 64 years in 1980 were based on revisions of estimates of total White births derived from 1915 to 1935. The estimates were carried forward to 1940 with life-table survival rates and to subsequent census dates with components of change as used for ages under 45 in 1980.
- 3. Estimates of the Black population aged 45 to 64 years in 1980 were based on estimates for this cohort in 1960 (i.e., when it was 25 to 44 years of age). The estimates for females aged 25 to 44 years in 1960 were derived principally through techniques of stable population analysis; the estimates for males in 1960 were based on expected sex ratios. The estimates for both males and females were carried forward to 1970 and 1980 and backward in time to previous census dates with components of change.
- 4. Estimates of the other-races population for females aged 45 to 64 years in 1980 were derived from assumptions about the consistency of age patterns of coverage in the 1950 to 1980 censuses for this cohort. The estimates for other-races males in 1980 were developed from expected sex ratios. The estimates for 1980 were carried backward in time to previous census dates with components of change.
- 5. Estimates of the population aged 65 years and over in 1980 for both sexes and all race groups were developed from aggregate Medicare enrollments, adjusted for underenrollment. The estimates for 1980 were carried backward in time to previous census dates with components of change.

Compared with estimates previously published for other censuses, the 1980 demographic analysis caused a number of revisions, some in opposite or offsetting directions. Most of the retrospective revisions from 1980 were small, but the rather large revision attributable to reestimating White births for 1915-1935 was almost completely offset by new estimates of emigration for 1950-1970. The revised undercount rates for earlier censuses tended to be higher than those published previously. The 1980 census appeared to represent a substantial improvement in coverage over past censuses. Furthermore, the revisions had almost no effect on relative differences in coverage (by age, sex, or race).

Interpretation of results—Demographic analysis offers an estimate of the population from which the census count can be subtracted to arrive at measures of the amount of census undercount (or overcount). For certain reasons, however, the differences between the estimated resident population based on demographic analysis and the published census counts cannot be interpreted directly as census undercounts (or overcounts). For the differences to represent net undercounts

directly, the two populations (the census and the demographic estimate) would have to be defined alike. Two major problems affected the comparisons for 1980—changes from the past in the reporting and coding of racial groups in the 1980 census, and the presence of uncertain numbers of undocumented aliens in the country (and in the census counts) in 1980.

In the 1980 census, changes in the practice of reporting race, particularly on the part of the Hispanic population, and in coding and classifying racial groups created a major inconsistency between the 1980 census data and historical data series, including censuses, vital statistics, and immigration records. Thus, it was not possible to compare the demographic estimates for the principal racial groups (White, Black, and other) with the published census figures to derive meaningful coverage estimates. About 40 percent of the Hispanic population counted in 1980, or over 5.8 million persons, did not choose one of the specified races listed on the census questionnaire, but chose the "Other" category instead. Such persons who also wrote in a national-origin designation that indicated an Hispanicorigin group remained in the "Other races" category in the published 1980 census data, whereas in previous censuses and in vital statistics, such responses were almost always coded into the "White" category.

In another change in the 1980 census, "Asian Indian" was added as a separate response category to the race questions and included in the "Asian and Pacific Islander" grouping or the "Other races" category in the 1980 census tabulations. However, in past censuses and in vital statistics through 1978, persons of Asian Indian descent were classified as "White." This group was estimated to have grown from fewer than 100,000 in 1970 to about 362,000 in 1980. To attain comparability between the 1980 census racial groups and the populations estimated through demographic analysis, the 1980 race data were reassigned to conform with the historical categories of the estimates as either White, Black, or other. (All of these computations were carried out within race, origin, sex, and age categories at the county level and aggregated to the national level.) This modification for 1980 added 6.3 million persons (3.4 percent) to the White category and 188,000 persons (0.7 percent) to the Black population. The "Other races" category was decreased by 6.5 million (55.9 percent). Because most of the reclassification involved Whites and persons of other races, these two categories often were combined in presenting the evaluation results. In an attempt to overcome the problem relating to measuring the number of undocumented immigrants, the staff adopted two strategies. The first approach involved modifying the census counts to make them comparable with the demographic estimate: Estimates of undocumented immigrants counted in the 1980 census were subtracted from the census figures by age, sex, and race. This led to an estimated census count of legal residents that could be compared with the demographic estimate of the same group and thus produce an estimate of its census undercount. The final percentage estimates of the legally resident population's

net undercount, based on demographic analysis, by sex and race, for 1980 and 1970 were as follows:

Sex and race	1980	1970	
Total population	1.0	2.6	
Male	2.0	3.3	
Female		1.8	
Black	5.6	7.7	
White and other races	0.3	1.9	
Difference			
Male:female	2.0	1.5	
Black:White and other races	5.3	5,8	

The second approach dealt with the issue of undocumented immigrants by adding an estimate of the total number of undocumented immigrants residing in the country in 1980 to the demographic estimate of the legally resident population. The difference between the augmented demographic estimate and the census then represented the undercount of the total resident population. The number of undocumented immigrants added ranged from 2.06 million (the estimated number of undocumented aliens counted in the 1980 census) to 5 million.

Because the range of estimates of the undocumented immigrant population was much larger than the ranges for other components in the demographic estimates, this second approach ultimately led to a range of undercount estimates rather than a single one.

The final alternative estimates of percent net undercount of the total population for 1980, based on demographic analysis and various assumed numbers of undocumented immigrants, were as follows:

	Undocumented residents (millions)			
Sex and race	2.06	3	4	5
Total population	1.0	1.4	1.8	2.2 (per- cent)
Male	1.9	2.4	2.8	3.3
Female		0.4	0.8	1.2
Black	5.6	5.9	6.2	6.5
White and other races	0.3	0.7	1.2	1.6
Difference				
Male:female Black:White and	1.9	2.0	2.0	2.1
other races	5.3	5.2	5.0	4.9

Although the incremental increases in the assumed number of undocumented immigrants raised the estimated undercount rate of the total population (by about 0.4 percent for every 1 million undocumented immigrants), the male/female and race differences in percent undercount were insensitive to the alternative assumptions. The undercount rates for males were

consistently higher than for females across all sets of estimates, and the undercount rates for Blacks were substantially higher than the undercount rates for the White-and-other-races population.

The estimates of coverage resulting from this application of demographic analysis provided measures of net underenumeration in the census—the combined effect of omissions, erroneous inclusions (including duplications), and reporting errors (for age, sex, and race/Spanish origin categories). Because demographic analysis involved working with aggregated data from both the census and independent sources, it could not separate the individual components of net underenumeration. These had to be addressed through matching studies, such as the PEP and others described below.

Post-enumeration program (PEP)—The 1980 PEP undertook to measure census coverage directly through sample survey methods. Samples of persons were selected to check whether they had been counted in the census, and samples of enumerated persons were selected from the census to determine whether they had been counted correctly. This case-by-case approach contrasted with that of demographic analysis, which relied on aggregate statistics. The strategy of evaluating the census at the level of individual enumerations required the PEP survey design to incorporate many features of the census design itself. (See ch. 1.)

The PEP used three separate surveys as its principal sources:

- The April 1980 Current Population Survey (CPS) sample, comprising approximately 84,000 noninstitutional households.
- 2. The August 1980 CPS sample, of the same size.
- 3. The so-called "E" sample—approximately 110,000 households selected from the census itself.

The "P" samples—The two CPS samples, known in the PEP as the "P" (population) samples, were supplemented for the PEP with a sample of military persons in order to represent the total noninstitutional population. There was also a separate P sample of institutional persons.

The purpose of the P samples was to measure the proportion of persons missed in the census. The staff derived this estimate by trying to match the samples to the census. In cases where the sample persons had moved between Census Day (April 1, 1980) and the time of the CPS interview in August, an attempt was made to obtain the Census Day address for matching purposes. In both April and August, the interviewer collected information and also drew a sketch map locating the CPS address relative to major roads in the area. The staff then used the map to determine each CPS household's location in terms of census district office, enumeration district (ED), and block to facilitate matching. Approximately, 86 percent of the P-sample cases, excluding noninterviews, matched the census

in the first attempt. If the census questionnaire could not be located or if some persons were not listed on it, the CPS case was returned to the field for reconciliation, principally in the winter and spring of 1981.

The "E" sample—The E (enumeration) sample was chosen from the census in clusters of 10 housing units per sample ED, with a 50-percent subsample, averaging about 5 households per ED, selected for a within-ED search for duplicate listings. Names and other information for the subsample households were transcribed to separate forms, which clerks used in their searches.

One purpose of the E sample was to estimate the number of occasions when a person was erroneously included in the census at a particular address, such as someone who had moved (from the address at which he/she had been enumerated) to a new permanent residence before Census Day, or a college student living on campus but enumerated instead (contrary to census residence rules) at his or her family home. Another E sample purpose was to estimate the number of erroneous enumerations caused by duplication—i.e., someone counted in more than one place.

A third E-sample purpose was to estimate the number of enumerations mistakenly included in the wrong ED, but far enough away from the correct ED to miss being found and matched in the P sample's search area. These figures were calculated for use in dual-system estimation (see below).

Dual-system estimation— The staff used dual-system (or capture-recapture) estimation in the PEP as an attempt to compensate for the P sample's imperfect coverage. The methodology involved making and applying the following five specific, underlying assumptions about the nature of that coverage.

- The number of distinct persons correctly enumerated in the correct ED or within the effective P-sample area of search, and who were recorded with adequate information for matching purposes, could be estimated mathematically within each of the stratification cells employed in the dual-system estimator.
- 2. For each complete case, the combined effect of the original CPS interview and the followup interview, if necessary, resulted in the information needed for matching to the census, i.e., adequately represented name and demographic characteristics, together with geographic information on the Census Day address sufficient to define a P-sample area of search that contained the correct ED.
- Whenever adequate information was judged to be available in the P sample for purposes of matching, the clerical match occurred without error.
- 4. The assumptions about missing data in the P sample and the nonresponse adjustments in which the assumptions were reflected yielded estimates of (a) the weighted sample

- total from the CPS and (b) the weighted sample estimate of the number matched between the two P samples. These estimates represented the effect of matching to the census if matching had been possible for the entire population represented by the CPS in the absence of missing-data problems.
- 5. Within each stratification cell, the estimated underlying match rate was essentially identical (ignoring finite population effects) to the estimated rate at which the census correctly captured unique individuals within their P-sample area of search.

The last of these assumptions represented a general notion that census coverage and CPS coverage were statistically independent processes. Because the given population was finite, exact statistical independence generally could not occur for a given realization of the census. Alternatively, the last assumption could have been viewed in practical terms, namely, that the CPS universe within a stratification cell provided an estimate with negligible error of the census's capture rate. Subsequent evaluation tended to indicate that each of the five assumptions was incorrect or might have failed because of matching errors, missing data in the P and E samples and their treatment, errors in Census Day addresses for movers, the CPS rotation design and its effect on census coverage, and postal carriers' failure to spot erroneous addresses, as well as limitations inherent in the five assumptions themselves.

PEP estimates of the census undercount—To accommodate the results of the evaluation (i.e., of how well the assumptions held) described above, the Census Bureau staff constructed 12 sets of dual-system estimates based on the PEP data. Each of the sets arose through the selection of one out of five P-sample sets of estimates and one out of three E-sample sets. Each set, which differed from the others in either source or construction, or both, then was examined in association with its dual-system estimate (which, as noted above, incorporated estimates from both the P and E samples).

Estimates for the total population by race and ethnicity for the national undercount ranged from an estimated overcount of 1.0 percent to an estimated undercount of 2.1 percent—a difference much larger than the effect of sampling error. (The undercount for the institutional population, calculated separately and not considered in any of the other studies, was estimated at approximately 4.0 percent, with a standard error of 1.9 percent.)

When national estimates were compared, it appeared that changes in the choice of estimates from the P or E samples had approximately additive effects: By defining the effect of the choice between two P-sample sets as the percentage-point difference in the estimated undercount for a fixed E sample, the resulting effect was essentially the same, regardless of which E sample was selected for the comparison. Similarly, the effect of the choice among E-sample alternatives was virtually the same

over different P-sample sets. The 12 sets (see the table below) consistently showed a greater undercount for Blacks and non-Black Hispanics. When applied to total State or regional populations rather than to the Nation as a whole, the undercount/overcount estimates varied considerably, more so among the P samples than the E samples; it appeared, however, that the western States had been disproportionately undercounted. Still wider differences were noted when the 12 sets were applied to 16 major cities.

Dual-System Estimates of Percent Undercount for the Noninstitutional Population, by Race and Ethnicity, Ordered by the Estimated Total Undercount

Set of dual-system estimates	Total	Black	Non- Black His- panic	Others
14-8	-1.0	1.1	0.0	-1.3
14-9	-0.5	2.3	1.2	-1.1
14-20	-0.2	2.8	1.5	-0.8
10-8	0.3	2.8	3.7	-0.4
3-8	1.0	5.7	4.5	0.0
2-8	1.1	6.1	4.7	0.0
3-9	1.4	6.9	5.6	0.2
2-9	1.5	7.3	5.8	0.3
5-8	1.7	4.5	6.6	0.9
3-20	1.7	7.4	5.9	0.5
2-20	1.9	7.8	6.1	0.6
5-9	2.1	5.7	7.8	1.2
Approx. s.e. (sets 2, 3, 14)	.2	.6	.8	.2
Approxs. s.e. (sets 5, 10)	.2	.6	1.0	.2

SOURCE: U.S. Bureau of the Census, Evaluation and Research Reports of the U.S. Censuses of Population and Housing, Series PHC80-E4, Coverage of the Population in the 1980 Census, table 7.1.

Evaluation findings—When the results of the PEP and demographic analysis were combined and their limitations taken into account, the Census Bureau staff arrived at the following conclusions:

- The net census undercount of the total population was significantly lower in 1980 than 1970. Assuming that approximately 2 million undocumented aliens were included in the 1980 census, this implied that the count of the legally resident population was the most complete in 1980 of any census.
- The improvement in coverage in 1980 (compared with previous censuses) extended to the Black and Whiteand-other races populations separately.
- 3. In spite of these coverage gains in 1980, the undercount rate for Blacks continued to exceed substantially the undercount rate for the White-and-other races population, and there had been relatively little—if any—change in the differential between those two rates. (See p. 8 above.)

- 4. The PEP provided the only evidence on a 1980 undercount of Hispanics—suggesting approximately the same magnitude as the differential undercount of Blacks, with the Hispanic undercount rate consistently exceeding that for non-Hispanics.
- 5. Demographic analysis, as it had since 1940, indicated substantially higher undercount rates for males than for females, not only for the overall population but for Blacks and Whites-and-other-races separately. The PEP did not show this, but may have failed to measure fully the relatively high undercount of males.
- 6. Demographic analysis also revealed that the census undercount rates varied considerably by age. In particular, large differences in undercount rates by sex occurred principally in the 25-59 age range for each race group. The PEP captured some of the same pattern of variation by age, although it failed to capture the higher undercount rates for adult males.
- 7. Historically, the South had appeared to experience a disproportionately higher undercount than the rest of the country. In 1980, however, the PEP estimate for the South was close to the national average. Combined evidence suggested a significantly greater increase in census coverage in 1980 over 1970 for the South than for any other region.
- 8. The PEP confirmed results from the 1980 housing-unit duplicates study (see below) that an appreciable fraction of the total census count, probably in excess of 1.1 percent, represented duplicate enumerations of persons already in the census.
- Misassignment of housing units to the appropriate census work units (i.e., enumeration districts or census blocks) appeared far more extensive in rural areas that were prelisted than where conventional, door-to-door enumeration took place. (Such mistakes could have come from a number of sources.)
- 10. The net coverage error of the census, although relatively small, really represented a balance between omissions and erroneous enumerations of persons. The two opposing errors were substantially larger than the resulting net error in the census. (PHC80-E4, PERM 130)

Housing-unit coverage studies (HUCS)—These studies were designed to provide data on housing-unit coverage in 1980 for planning future censuses. Their primary purpose was to provide national and regional estimates of the gross underenumeration rate for occupied housing units, and the overenumeration rate for occupied housing units where the overenumerated units also had overenumeration of at least one household member.

The HUCS consisted of two separate studies. One, the CPS-census match, measured the missed rate of housing units in the 1980 census. The other, the duplicates study, measured the duplication rate for occupied housing units that had at least one duplicated household member.

The CPS-census study consisted of matching an independent listing of about 37,000 housing units (a subsample of the April 1980 CPS) to the census records to determine the enumeration status of each unit. Interviewers visited the units that could not be matched to obtain additional information for matching purposes. These units were rematched to the census, and any that were not found were assumed to have been missed in the census.

The duplicates study was divided into two parts—the within-ED component and the between-ED component, both obtained by screening the cases selected for the E sample (see p. 9 above). The within-ED component consisted of occupied E-sample housing units in which at least one household member had been found to be enumerated more than once within the ED. For the between-ED component, records for E-sample units that had geographic coding problems— i.e., those where their ED assignment was uncertain—were examined to see if any of their household members had been enumerated in nearby ED's as well. If at least one member had been, an interviewer visited the unit to determine whether both addresses represented the same unit.

The HUCS estimated the following:

- Housing-unit coverage in the 1980 census remained at about the same level as in 1970. The missed rate in 1980 for all housing units was 2.6 percent for the Nation. The rate for occupied units was 1.5 percent, while 12.56 percent of the vacant units were missed.
- The duplication rate for occupied housing units that had at least one household member duplicated elsewhere was 0.86 percent. The most common reason for duplicate enumeration of occupied units was clerical or enumerator error (44.3 percent), followed by geographic coding error (27.5 percent).
- 3. Among regions, the South had the highest duplication rate of occupied units that had at least one household member who was duplicated. The missed rate for the South was significantly higher than those of the Midwest and West, but was similar to that of the Northeast.
- 4. Rural areas had higher rates than urban areas for missed occupied units, missed vacant units, and duplicated occupied units that had at least one household member duplicated elsewhere.
- Units located outside metropolitan areas had higher missed rates for vacant units and higher duplication rates for occupied units that had at least one household member duplicated elsewhere than units inside metropolitan areas.

- 6. Prelist areas had higher rates for all categories than all other types of enumeration areas.
- The entire household was duplicated in about 88 percent of the duplicated housing units with at least one member duplicated elsewhere.
- 8. The rate at which occupied housing units remained misclassified as vacant was at least 0.5 percent, perhaps slightly higher than the 1970 residual rate of misclassification. (PHC80-E1)

Administrative-Record Matching

A third method of estimating coverage used for the 1980 census was matching census records against other data bases. Several of the studies are described below.

CPS/census retrospective study—The purpose of this project was to experiment with reverse record-check procedures for tracing purposes—i.e., finding someone after the original contact. This study took one rotation panel (19,794 people, or about one-eighth of the full sample) from the March 1977 Current Population Survey (CPS) and matched it to the 1980 decennial census. To determine a match status, the sample person had to be found in the census, or be contacted to verify his/her address on Census Day. The main purpose here was to examine the nonmatch and not-traced rates for this coverage-measurement method.

There were five stages in determining a match status for each person: (1) Clerks in the Census Bureau's Jeffersonville, IN facility looked for the people in the census files at their March 1977 addresses. (2) If they were not found there, a new address was sought in the 1979 IRS (Internal Revenue Service) individual master file. (Only matched or out-of-scope persons could be determined from these stages, as anyone not found could have been living at a different address on April 1, 1980.) (3) Each household found thus far was sent a mailback questionnaire. (4) Nonresponse cases and postmaster returns were referred for telephone followup. (A person could be determined to be a match, nonmatch, refusal, or out-of-scope case at stages 3 and 4 when a 1980 address had been obtained.) (5) Field followup, leading to a residue of persons still not found and therefore categorized as "not traced." These five stages were carried out between 1982 and August 1983, reflecting a 3to 6-year tracing period.

With subsampling weights and noninterview adjustments, the study produced an estimated national nonmatch rate of 14 percent and a not-traced rate of 4.8 percent. The nonmatch rate was comparable to the IRS/census direct match study (see below) but was about twice as high as the gross nonmatch rate in the 1980 Post-Enumeration Program (see above). The not-traced rate was slightly higher than in the IRS/census direct match study, which used the 1979 IRS file. The 1976 Canadian reverse record check (using a 5-year trace period) had the

same not-traced rate as the CPS/census study, while the 1960 U.S. reverse record check (using a 10-year trace period) had a not-traced rate over twice as high as the CPS/census study. The nonmatch and not-traced rates for Blacks and other races were about twice as high as for Whites, but the nonmatch rates might have been affected by recall bias because of the 2-year time lapse. As expected, the highest not-traced rates occurred in the 18-24-year-old age group. (Census/SRD/RR-86/13)

CPS/IRS administrative records match-Research into triplesystem estimation required matching the Current Population Survey (CPS) to an Internal Revenue Service (IRS) file extract. The match was based on social security number (SSN). To estimate the proportion of SSN matches that represented true name matches, as opposed to SSN matches alone, a sample of records was clerically reviewed. Over 77,000 of the February 1978 CPS records that had SSN's were sent to the Social Security Administration (SSA), which matched them by age, race, sex, and date-of-birth characteristics with the SSA summary earnings records. Almost 59,000 of these records, which received validation codes based on the results of this match, then were aggregated into four strata for sampling and analysis. Another 12,000 of the 92,000 CPS records-roughly half with SSN's and the other half without-were sent to the SSA to be matched to SSN's on the basis of a Soundex surname code. (Soundex was a system for coding names phonetically as an aid to finding them in large data bases.) This search resulted in about 3,600 SSN matches, and these also were sampled and evaluated. There were two followup procedures as well, in which the CPS control cards were checked to try to find a CPS name for matching to the given IRS name. During final review, the staff developed a set of eight final match codes from which to determine final match rates, and investigated alternative match rates based on various combinations of match codes. In the first cycle of evaluation, approximately 6 percent of the SSN matches were found not to match on name. In the second cycle (using Soundex), approximately 3 percent did not match. This implied that SSN's determined through Soundex represented name matches more often than those obtained in the CPS from respondents or interviewers. The results indicated that the erroneous match rate was sufficiently severe to warrant undertaking another study of this type, in which cases from the PEP (post-enumeration program) would be matched with the 1980 IRS tax-return file to provide another estimate for comparison. (PERM 21)

IRS/census direct match study—This project had two principal aims: (1) To investigate the feasibility of using the IRS individual master file (IRS/IMF) as a frame for matching to the census in order to estimate gross undercoverage in the census, and (2) to study the difficulties in tracing individuals to the census using the IRS/IMF address. Almost 11,000 persons from the IRS file were sampled by race, sex, and region for matching to the census; almost 40 percent were not found and were sent mail

questionnaires (at their IRS/IMF addresses) asking where they lived on Census Day 1980. As this experiment took place several years after Census Day, the postmaster return rate (18.5 percent) was high, as expected, but the nonresponse rate (60.2) was higher than anticipated. A further subsample (1,500 cases) was followed up by telephone, but only about 39 percent of the calls resulted in completed interviews. One-fourth of the persons still untraced after telephone followup were then assigned for field followup. The highest not-matched rates (up to 36.6 percent) were found in the 18-24 and 25-34 age groups; the overall percent not-matched was 12.6 for all races age 18 to 64. The percent not matched was 11.1 for non-Black, non-Hispanic; 21.5 for Black, non-Hispanic; and 19.3 for Hispanic. (RR-84/11)

EXPERIMENTAL PROGRAM

Alternative Questionnaires Experiment

Census tests during the 1970's indicated that mail-return rates were dropping to such an extent that field costs for nonresponse followup could be adversely affected in the 1980 census. This experiment tested the effect of questionnaire design on mail-return rates, item completion rates, and reported characteristics. It was estimated that a 1-percent increase in the mail return would save \$2 million. Concern with data quality and respondent burden also underlay the experimental purposes.

Two sets of experimental questionnaires were designed with different appearances than the standard short- and longform household questionnaires. The first set (linear FOSDICreadable forms) had 100-percent population questions reformatted (e.g., race, age, and sex) into horizontal rows rather than in vertical columns. In addition to the linear formats, the long form also had some rearrangement in the question order and sequence and some wording changes. The second set (non-FOSDIC forms), prepared by a contractor specializing in document design, focused on a questionnaire design that the public might find more attractive and easier to understand. Compatibility with Census Bureau data processing was disregarded, as it was felt that such requirements could be met in 1990 if this approach yielded a higher mail return or itemcompletion rate. Examples of this set's design differences were a different cover, expanded instructions, different question sequencing, use of check boxes, avoidance of skip patterns, and wording changes.

A sample of district offices, stratified by type (centralized or decentralized), was selected, and approximately 18,000 addresses from them were designated to receive either standard 100-percent or sample questionnaires or one of the alternative forms. Due to packaging and delivery problems, only 14,400

cases were usable. The resulting data were weighted to estimate mail-return rates on a national level for each set of questionnaires, 100-percent (short) vs. sample (long) and centralized vs. decentralized.

Analysis suggested that with regard to mail-return rates, the length of the questionnaire had a larger effect than the questionnaire version, with all the short-form variants being returned at higher rates than the long forms. There was little difference in the rates at which the long forms of the three versions were returned. Both of the experimental short forms were returned at a slightly higher rate than the standard short forms. Item nonresponse rates for the various forms were inconclusive: The non-FOSDIC short form appeared to have been filled less well than either the linear or the standard census forms, which differed only slightly. Other hypothesized advantages of the experimental forms (lower nonresponse than other forms with regard to items such as size of household, race or Spanish origin, birth date, school attendance, income, etc.) were not observed in the edited file. (PERM 16, 19)

Telephone Followup of Nonresponse Experiment (TFE)

This study was part of a program designed to improve census-taking procedures. The TFE's major objectives included (1) evaluating the efficacy of using telephone followup for nonrespondents in mail census areas (in terms of operational complexity and cost efficiency), and (2) measuring the impact of both personal-visit and telephone data-collection techniques on various nonsampling errors.

Based on a formula for anticipated mail-return rates, seven strata were defined, each containing one randomly selected centralized or decentralized district office. Separate systematic samples of long- and short-form nonresponse households in single-unit structures were chosen from the overall sample, so there were about 1,000 nonresponse cases in each of four groups to be interviewed—short-form telephone, short-form personal visit, long-form telephone, and long-form personal visit. (Single-unit structures were chosen because the "criss-cross" telephone directories from which their telephone numbers would be obtained did not include apartment designations at any address. Two census regions [Northeast and South] were not represented because their crisscross directories were not available at the time.)

Regular census followup procedures were varied as little as possible for the experiment. The alternative interviewing techniques did affect results, however. Telephone enumerators had access to office records of late mail returns, but no access to proxy information (i.e., from a neighbor) about vacancy status. Personal-visit interviewers, on the other hand, had access to proxy information that clarified vacancy status, but could not verify the late return of a questionnaire; the latter resulted in a large number of duplicate questionnaires.

Only a preliminary evaluation of this project was possible. The general conclusions were that telephone followup was less costly and took less time than personal visits. The number of "last resort" (minimal information) cases in telephone followup was about half that of the visits, and the number of unanswered questions was also lower. Refusal rates were not statistically different, however. (PERM 58)

Update List/Leave (UL/L) Experiment

This operation began on March 11 and continued through March 26, 1980 (just before Census Day). It involved having an enumerator canvass an enumeration district (ED), visit each housing unit, and compare what was "on the ground" with what was listed in the master address register (MAR). The listings and maps were updated and housing units were added or deleted as necessary. The enumerator added household names and telephone numbers to the MAR, and left a short- or long-form questionnaire as the MAR designated (as well as a continuation and/or Spanish-language questionnaire where needed). Special places (e.g., group quarters) were reported to the crew leader.

Five district offices (Dayton, OH, N.E. Central Chicago, IL, Yakima, WA, Greenville, NC, and Abilene, TX) were chosen for this experiment, and five other offices (Columbus, OH, N.E. Chicago, IL, Bellingham, WA, Florence, SC, and Lubbock, TX) were paired with them as the controls. Some of the pairs proved to have significant differences, which appeared to affect the results. Enumerators from the UL/L offices canvassed close to a million housing units (roughly half in TAR [tape address register] and half in prelist areas). Of these, 54.5 percent (adjusted for vacant units) were actually contacted. Based on the data for the contacted units only, which may not have been representative of all housing units in either the district offices or the enumeration districts, the experiment had these findings:

Contact rates were lowest in urban areas, in part because of problems gaining entrance to secured high-rise buildings.

Few persons refused to give their telephone numbers.

Over half the listings deleted in this operation eventually were enumerated, although fewer deleted units had to be reclassified as occupied than in the control offices. The estimated delete rate in UL/L offices averaged 3.7 percent, whereas the estimated overall delete rate (after nonresponse followup) was 9.2 percent.

The operation was quite successful in identifying additional housing units at structures originally listed as single units. (The overall UL/L housing unit add rate was 5.6 percent as against the control rate of 4.7 percent.) UL/L enumerators added units to at least two-thirds of the single-unit structures converted to multiunit structures, whereas the proportion was about half in the control offices.

The operation did not seem to have had much impact on the number of requests for foreign-language assistance.

UL/L enumerators identified vacant housing units more accurately. The district offices using the UL/L procedure had lower percentages of units misclassified as vacant (8.8 percent, vs. 16.5 percent for the control offices). Both the experimental and the control offices had similar estimated percentages of units misclassified as occupied, however. (PERM 96)

Employee Selection and Training

These census operations were considered extremely important for 1980. There were three evaluation projects related to employee selection methods and three experiments related to training.

Development and validity of employee selection tests-The Census Bureau's recruitment objective was to have a staff in each district office that was representative of the population of the area it covered. This meant that goals were set for employing a certain number of women and minorities-Blacks, Hispanics, Asians, Pacific Islanders, Native Americans—or persons with proficiency in certain languages, such as Spanish, Chinese, Korean, etc. It was believed that a representative staff would achieve the best count possible in each area. Along these same lines, efforts were made to employ enumerators who lived in the ED's they covered. Job candidates had to pass a written test and meet other minimal qualifications. There were two versions of the test, one for higher-level supervisors and one for lower-level supervisors (such as crew leaders) and nonsupervisory employees. The tests were designed to determine whether candidates could perform census-related tasks. A Spanish-language version of the lower-level test was also available on request in some areas.

In all, about 1.2 million persons were tested for census jobs, and about 80 percent passed. About 460,000 persons were employed at one time or another in the census district offices, with 270,000 working at the peak of activities in April and May 1980. These positions included enumerators, crew leaders, office clerks, and supervisory personnel. (See ch. 5.)

Selection aids validation study (SAVS)— This study developed employee selection procedures by which the Census Bureau could make valid inferences regarding job performance for all racial, ethnic, and sex groups.

SAVS' content validation phase was designed to establish the job relatedness of the selection procedures (i.e., the written test, interview guide, reference check, and relevant parts of the application form). The basis of the content validation study was analysis, in terms of work tasks and worker characteristics, of the following census jobs:

Nonsupervisory
Enumerator
Crew leader
Office clerk
Senior office clerk

Supervisory
District office manager
Field operations supervisor
Office operations supervisor
Administrative operations
supervisor
Special place operations
supervisor
Field operations assistant
Office operations assistant

Job-analysis data were gathered through various methods, including questionnaires and personal interviews. The tasks were ranked in importance and their qualification requirements were evaluated. The most important job requirements had been used in constructing the written tests and other selection procedures, so there was a relationship between the content of each selection procedure and the content of the job.

Both written tests (supervisory and nonsupervisory) were analyzed statistically through preliminary tryouts at census headquarters. The nonsupervisory test was evaluated through experiments conducted during the 1977 test census of Oakland, CA and the 1978 dress-rehearsal census in lower Manhattan, NY. Evaluation included various statistical analyses for such purposes as improving the psychometric properties of the written tests; enhancing the fairness of the instruments for members of various racial, ethnic, and sex groups; and estimating reliability. Evaluation results were applied in revising the tests, setting passing scores that were fair to the demographic groups under study, and adjusting the procedures governing the use of all the selection processes (e.g., administration, scoring, interpretation of results, and security).

The test development and evaluation procedures followed relevant provisions of the Uniform Guidelines on Employee Selection Procedures (adopted in 1978 by the Office of Personnel Management, the Equal Employment Opportunity Commission, and the Departments of Justice and Labor), Standards for Educational and Psychological Tests (American Psychological Association, 1974), and Principles for the Validation and Use of Personnel Selection Procedures (Division of Industrial-Organizational Psychology, American Psychological Association, 1975). The study started in late 1975 and was completed in 1979, when the final version of the 1980 employee selection procedures was released to the Census Bureau's executive staff and the Field Division. The study's report, "1980 Field Employee Selection Procedures, A Content Validity Study, 1975-1979," was issued in 1981 in two parts-A, Nonsupervisory Procedures, and B, Supervisory Procedures. Other aspects of this study are discussed separately below.

Adverse-impact determination for nonsupervisory procedures—Following the conclusion of most of the recruiting and hiring of nonsupervisory employees (mostly enumerators and clerks), this project evaluated the employment rates actually achieved for several race, sex, and ethnic groups in accordance with Title VII of the Civil Rights Act of 1964, as amended, and Executive Order 11246. "Adverse impact" was defined as a substantially different rate of selection in hiring, promotion, or other employment decisions that worked to the disadvantage of members of a race, sex, or ethnic group. A practical means of defining adverse impact under Title VII was the "4/5ths" or "80 percent" rule: Comparing the selection rates for different groups of applicants to determine whether rates for any race, sex, or ethnic group were at least 80 percent of the rate for the group with the highest selection rate.

The study involved reviewing race, sex, and ethnic-group information for about 62,000 applicants from a sample of 26 mailout/mailback district offices (reduced to 20 when 6 were found to have incomplete information). Sampling weights were applied to the resulting distributions of race, sex, and ethnic groups to produce estimates of each group's national population. (This step was necessary, as a larger number of minorities than non-minorities were selected for the unweighted sample [because offices with small minority populations were underrepresented in the sample] to assure adequate representation of Blacks and smaller groups such as American Indians and Asians.) Selection information from each stage of the selection process, including written tests and structured interviews, was collected for each sample office. Evaluations of the selection rates for the total selection process provided no evidence of adverse impact for any race, sex, or ethnic group. Individual component selection rates indicated that there was clear evidence of adverse impact for the Federal suitability requirements and the interview. Adverse impact in selecting interviewers appeared to be related to the bilingualism requirement imposed on applicants in largely bilingual census areas.

The effect of interview preference for candidates referred from political sources was ambiguous. In the sample, Black and Hispanic applicants had referral rates lower than 4/5ths of the White rate, but the quality of those referred was better than nonreferred Black and Hispanic applicants. The effect of interview preference provided on the basis of the test score could not be determined, as there were no accurate records on how the preference procedure was applied at the enumeration-district level. The effects of other selection criteria, such as indigenousness and cultural familiarity could not be evaluated, but the study concluded that these variables probably did not have a negative impact on race groups, since the total selection process showed no evidence of adverse impact. If anything, these variables probably aided in obtaining a representative work force. (PERM 41)

Predictive validity project—This project evaluated the Field Employee Selection Aid Test—General (FESAT—G) used in hiring enumerators during the 1980 census and in predicting

job performance. It used the same sample design as in the adverse-impact study (above). The staff developed two primary measures of job performance and job standards for followup enumerators: The longevity measure included the number of weeks on the job and completion of the work assignment; the production measure covered the time spent per form (corrected for unacceptably completed forms), total forms, and field hours worked per form.

Results indicated that the test was a valid predictor of enumerators' job success on the average, although the test did not seem to predict performance in several of the centralized offices sampled. The overall validity coefficient was .379, but on the average, the test had higher validity in decentralized offices and no predictive validity in centralized offices. The test was found to be fair to members of various race, sex, and ethnic groups by providing statistically equivalent regression lines for predicting enumerators' success. (A similar study, covering clerical positions, had similar results, but was not published.) (PERM 107)

Qualification Tests for Coding

Industry and occupation—For the 1980 industry and occupation (I&O) coding operation, qualification tests were administered to prospective coders following training. (See ch. 6.) This project documented the coder qualification methods and summarized the test results. The score distributions were analyzed, and the premise that test results are useful as indicators of coder ability was examined.

To qualify for coding, clerks were required to pass a test consisting of a deck of questionnaires containing artificial data. Following training, clerks took a practice test (deck A) followed by a first qualification test (deck B). Those who did not pass test B took test deck C. An error rate of 12 percent or less on test deck B or C was passing. Those failing both tests did not qualify for I&O coding.

The study indicated that there was a tendency, at all three processing offices, for clerks who passed the first qualification test to have cumulative coding-error rates below the acceptable performance level (8.25 percent on an item basis) and for clerks who failed the first qualification test to code above the acceptable error 'evel. With an expected failure rate of 8 percent, only 2 percent of the clerks at Jeffersonville failed to qualify, but 12 percent failed at Laguna Niguel, while clerks at New Orleans conformed to the expected rate. Beta distributions were fit to the scores of three of the first-qualification tests, but the other sets of scores were highly skewed statistically and did not fit any known distribution. (PERM 29)

General coding—During their training, prospective general coders were tested for qualification, which was obtained if a test was scored less than or equal to a predetermined error rate level (12 percent with a full deck, 9 percent with half; a full deck was always used in the second test). Clerks were permitted two

chances to qualify. Based on pretest and dress rehearsal experiences, the expected failure rate over all processing offices: Jeffersonville, 1.4 percent; Laguna Niguel, 4.5 percent; and New Orleans, 6.3 percent. Of the clerks who completed the qualification process (i.e., those who passed the first test plus those who qualified on the second test after failing the first one), there were still some (about 4 percent) who failed the course: Jeffersonville, 0.6 percent; Laguna Niguel, 3.9 percent; and New Orleans, 4.3 percent.

For all three processing offices, there was a statistically significant tendency for a clerk who qualified on the first test to produce work with an average error rate below the 1.8-percent level required for acceptable performance. Similarly, a clerk who qualified on the second test tended to produce work an unacceptable level—with an average error rate above 1.8 percent. Within each processing office, the distribution of scores on the first qualification tests most frequently used did not differ significantly from a Gamma distribution. (PERM 78)

Place of work/migration coding—Prospective POW/Mig coders were given qualification tests after several days of class-room training, and were deemed qualified if their test error rate was less than or equal to 15 percent for a full deck or 13 percent for a half deck. Clerks were permitted two chances to pass. The test data from New Orleans were incomplete, but it was estimated that the actual failure rate across the three processing offices was approximately 4 percent. At Jeffersonville and Laguna Niguel, the percentage of clerks failing the qualification process was 1.7 and 6.1 percent, respectively.

Analysis of the data for Jeffersonville and Laguna Niguel showed, as in the other types of coding, that qualifying on the first test was associated with cumulative coding error rates less than the acceptable performance level (5.25 percent), while qualifying on the second test was associated with cumulative production coding error rates greater than the acceptable level. (PERM 88)

Evaluation of Training Methods

Experimental Intern program—The Experimental Student Intern Program (ESIP) was a feasibility study, announced and implemented during the summer of 1979, that was designed to assess the utility of employing student interns as census enumerators during the 1980 census. Fifty-four colleges and universities were invited to participate. Almost 1,500 students, faculty, and Census Bureau staff were involved in the program on 46 campuses and in 81 district offices.

ESIP's rationale was the need to reconsider standard recruitment and retention policies for data collection (some 1.2 million persons were recruited to fill about 460,000 positions in 1980). In previous censuses, this task had been especially difficult in many large metropolitan areas. The situation persisted during the 1980 test censuses, aggravated by high turnover among enumerators. The ESIP attempted to address this problem and

also the one of heightening student awareness of the kinds of data gathered in the population and housing censuses, with special emphasis on their collection and eventual use. University participation in the ESIP required that academic credit be given and that faculty members be involved. The instructors attended a seminar covering the program and were given curriculum materials for use in the spring of 1980. Students were paid during their appointments, which were for about 6 weeks in April and May 1980. The schools were allowed to decide details of credit, class schedules, and grades. After the census, all participants received questionnaires, and over 30 ESIP faculty, student interns, and Census Bureau staff participated in an evaluation workshop in Washington, DC in November 1980.

As the ESIP was a feasibility study and not a controlled experiment, and only about a third of the students responded to their evaluation questionnaires, only general program indicators were possible as results. Records from the regional and district offices indicated that the ESIP interns usually were not available to work 30 hours a week, and were not as productive as the regular enumerators. The interns did, however, tend to complete their assignments (63.6 percent) more often than the regular staff (54.0 percent), but these data are subject to varying local conditions. Half or more of the students responding to their questionnaires supported the ESIP concept and urged its continuation, but there was great variation among regions and schools. The faculty from nearly two-thirds of the ESIP sites were critical of the program and reported many unresolved problems. The general agreement among faculty, students, and Census Bureau staff was that student internships should be pursued further, but only if there would be substantial improvements in program communication and intern management below the regional level. (PERM 20)

Alternative-training experiment—This project compared jobperformance-aided (JPA) training with standard Census Bureau training for field enumerators. JPA, which emphasized specially designed job reference manuals and aids (checklists, illustrations, schematics, decision trees, flow charts, and the like), was based on experience with these approaches in industry and the military services, but adapted to census requirements.

In 1980, standard census training used a "verbatim" approach in which trainers read word-for-word from a training guide, delivered lectures, employed audiovisual aids, and led learn-by-doing exercises. Most employees were trained by their supervisors. Both the standard and the alternative JPA training designs took into account several constraints: (1) Most census jobs were short-term (2-4 weeks), which argued against the use of expensive or lengthy training sessions. (2) Applicants for census jobs varied widely in age, education, and experience. (3) Much of the training (e.g., for enumerators) was conducted in small groups (8-12 people), in marginal facilities, and in thousands of sites. (4) Training was almost always conducted

by inexperienced trainers who received their own training only 1-2 weeks before. (5) Job manuals were an important reference source; workers would not be able to perform all tasks on the basis of recall alone. Both methods were perceived to have advantages and disadvantages, and were scrutinized in terms of cost-effectiveness.

Three pairs of decentralized district offices were matched on variables related to the difficulty of enumeration. Each office in a pair was randomly assigned to one of the two training methods, i.e., JPA or standard (the control). About 1,200 enumerators who received JPA training were compared with about 1,400 in the control group. Measures of enumerator attitudes toward the training were collected anonymously, once immediately after training concluded and again after 2 or 3 days of job experience; standard census administrative records provided data for enumerator performance and production indices.

JPA training differed from the standard kind most notably in materials preparation and packaging, in the followup-1 enumerator's manual, training activities, and stylistic variations in presentation. With respect to the training content, evaluation concluded that training manuals and accompanying materials could be simplified and reduced considerably without detriment to training or field performance; some manuals might be superfluous. Developing training guides, workbooks, and manuals concurrently resulted in more effective training. Neither of the two training approaches, however, adequately prepared enumerators for the reality of the job.

Evaluation of the instructional methods indicated that the enumerators' structured training generally was well received in both approaches, but that the JPA training was more effective and resulted in better job performance. It was found that group-learning activities (e.g., discussion, practice, and role playing) were possible without loss of instructor control, and that workbooks and evaluation exercises were effective ways to encourage active learning. (PERM 9, 23)

Job-enrichment training experiment—Job enrichment was an effort to increase enumerators' appreciation for the intrinsic value of the work they were doing and thus reduce attrition. It was tried through a feasibility study in one of the three Dallas, TX district offices. Prior to their regular training, over 150 newly hired enumerators for nonresponse followup had an orientation meeting with their crew leaders, at which they were offered the opportunity to represent the Census Bureau at local community meetings. About 70 accepted. (The primary hypothesis was that enumerators in the experimental group would be more apt to stay on the job after having made a public declaration of their Census Bureau affiliation. At the same time, they would add to the number of their district office's community-education contacts.)

Evaluation data were collected from administrative records, from the community organizations the enumerators visited, and from the enumerators themselves. Followup enumerators

in a centralized office in Houston, TX, served as a control group. Crew leaders and district office staff who participated in the study were interviewed about their perceptions of the experiment. Based on a survival analysis model, the study concluded that job enrichment had a positive effect on job tenure—enumerators given this opportunity were less likely to quit when other factors were held equal. (PERM 24)

COVERAGE-IMPROVEMENT EVALUATIONS

Effect of Special Procedures to Improve Coverage

The 1980 census employed a number of procedures designed to improve coverage of population and housing, and their evaluation gave particular attention to the extent to which coverage had been increased and at what cost. Enumeration in the 1980 census was controlled largely through address registers in which every housing unit and special place should have been listed and accounted for, either with an entry to show receipt of a completed census questionnaire or by some other notation. In sparsely settled areas, containing about 5 percent of the population, census enumerators prepared the address registers by filling in the necessary information as they visited each household and collected and/or completed a questionnaire on or after Census Day. The other 95 percent of the population was enumerated principally by mailing household questionnaires to geographically coded lists of addresses that, after computer processing, became the address registers used for control purposes. Lists for urban areas were purchased from commercial suppliers and updated by both the Census Bureau and the U.S. Postal Service. As these lists were received and maintained on computer tape, the end products were referred to as tape address registers, or TAR's, and the areas where they were used, TAR areas. In mail census areas outside the TAR areas, enumerators compiled and coded the initial mailing lists by canvassing their assigned areas and entering all the residential addresses by hand. This operation was called "prelisting" and the areas were known as "prelist areas." Both the TAR's and prelist address registers had to be prepared some months before the census began, to allow sufficient time for addressing and mailing the millions of questionnaires. All the registers, regardless of source, were subjected to quality checks before, during, and after the enumeration. (See chs. 3 and 5 for details.)

The procedures that were evaluated are discussed below in the general order in which they were carried out in the census—some before enumeration began, others during the enumeration, and a few toward the close.

Advance post office check (APOC I)—In the summer of 1979, the U.S. Postal Service examined, added to, corrected, and deleted entries from the commercial lists, and then double

checked the addresses designated as being undeliverable. (See ch. 3.) There were about 38 million addresses in the commercial lists. Evaluation, based on clerically matching the post office reports to a sample of the address registers, estimated that the Postal Service added 5 million addresses and changed, corrected, or deleted another 2.9 million already on the list. The Census Bureau geocoded the 5 million postal "adds" and then matched them against the census list, resulting in a net addition of 2.2 million addresses. The advance post office check was estimated to have cost about \$6.97 million (\$4.56 million to the Postal Service and the remainder for clerical and electronic processing in the Census Bureau). (PHC80-E3)

A separate study evaluated the quality of this operation. A sample of approximately 4,100 addresses from the commercial vendor's list, on cards, was not sent to the Postal Service during the APOC I updating operation. This national sample of addresses was matched against the cards the post offices added or corrected. It was found that the post offices added around two-thirds of the missing addresses when asked to update an existing address file. (PERM 55)

Casing and time-of-delivery post office checks—In early March 1980, local post offices received the household questionnaire packages they were to deliver at the end of the month. These addressed packages were for all the addresses on the census list after the advance post office check, the precanvass, and the prelisting operation. The mail carriers "cased" them (i.e., sorted them in the order they would be delivered on their routes), reported any addresses that had been missed, and returned any mailing pieces that were duplicates or undeliverable. The Census Bureau then compared the reports and the returned mailing pieces with the census address lists and generated new questionnaire packages as needed. The post offices delivered these, together with the ones they already had, to households at the end of March. As the carriers covered their routes or inserted mailing pieces in postal boxes, they reported additional missed residential addresses and returned duplicate and undeliverable pieces. (See ch. 3.)

These two post office checks, sometimes called APOC II and III, were evaluated in the same manner as the first. The two checks were estimated to have resulted in the identification and enumeration of around 2 million additional housing units, or close to 3.4 percent of all the housing units counted in mail census areas. The cost of these two checks was estimated at \$9.29 million, of which about \$5.85 million went to the Postal Service and the balance for Census Bureau processing. (PHC80-E3)

Precanvass—This operation took place prior to Census Day in the more urban areas where the commercial mailing lists were used (the so-called TAR [tape address register] areas). Enumerators personally canvassed areas with copies of the census address registers after these had been updated from the advance post office check. The enumerators verified the addresses' accuracy, deleted erroneous entries, added units as needed, and corrected both the addresses and the geographic coding. (See ch. 3.)

For evaluation purposes, a sample of enumeration districts was chosen after the census. Clerks matched the listings in the sample precanvass address registers with those in the master address registers, and compared additions to the latter with the 1980 census computer records to determine the number and demographic characteristics of the persons and housing units involved. It was estimated that the precanvass operation alone added 2.36 million addresses to the census at a cost of approximately \$11.8 million. (PHC80-E3)

Casual count—The purpose of the casual count was to enumerate highly transient individuals thought to have no permanent place of residence or who may have lived in several places.

Midway through the 1980 census-taking process, teams of two enumerators from centralized district offices were sent to places that transient individuals were expected to frequent, such as bus and train stations, welfare and unemployment offices, street corners, bars, pool halls, and other such places. The enumerators attempted to interview persons in these places and determine whether they had been counted. At the district office, casual-count records were matched to the census to see whether any persons had been enumerated there, possibly without their knowledge. (See ch. 5.)

For evaluation purposes, a random sample of district offices was chosen and the casual-count procedures were duplicated clerically, including matching to the census, based on district office worksheets. The evaluation estimated that the total number of persons added was only around 13,000 (0.05 percent of the centralized census population), but with a large standard error (7,600), at a cost of approximately \$246,000 (\$18.60 per added person). (PHC80-E3)

Census questionnaire coverage items and dependent roster checks—The purpose of this effort was to improve coverage of persons and housing units through the use of special questions and edits. For example, question 1 asked respondents to list all household members on the outside of the questionnaire. If this list disagreed with the number of person-columns filled inside the questionnaire, a followup interview was conducted to resolve the differences. Question H4 was intended to identify missed housing units within small multiunit structures. In areas where the mail census was used, a label on the questionnaire cover indicated the number of questionnaires mailed to units with the same basic street address. The H4 entry (inside the questionnaire) asked, "How many living quarters are at this address?" If the H4 entry was larger than the number on the label, the original master address register (MAR) was checked; if the discrepancy still existed, it was followed up. Three additional questions (H1-H3) were also designed to verify the

household roster's completeness. (See ch. 12.) Persons listed in response to these questions were verified and added to the census as the result of followup operations. (See ch. 5.) The dependent roster check also was designed to improve within-household coverage for households where followup occurred for any reason. At the time of the field interview, respondents were asked to verify whether any persons were left off the original roster.

Clerks reviewed questionnaires from 260 ED's (a systematic 1-in-1,000 sample of mail-census ED's). Questionnaires that originally had failed the H4 edit were matched with the master address registers to see what change had taken place. The review determined that 230 of the sample ED's had no H4 adds. Overall, the evaluation indicated that an estimated 93,000 housing units (0.1 percent) were added to the census through H4 followup at over 2 million addresses. (PHC80-E3)

Whole household usual home elsewhere (WHUHE)—This operation was designed to correctly enumerate households temporarily away from their usual residence on Census Day and living in such places as vacation cottages or rental homes. In previous censuses these households, if identified as temporary residents, were assumed to be enumerated at their usual place of residence. The 1980 census procedures included a clerical check for the usual place of residence also, to make sure that the household was enumerated there. If not, it was added to the census at that usual address. In any case, the temporary housing unit was counted as vacant. (See ch. 5.)

Based on a review of material in the census allocation and program evaluation (CAPE) sample, at most, 1 million persons were reallocated via the WHUHE operation, and about 200,000 of these were counted in at least two places (because their listings at WHUHE addresses had not been cancelled). The evaluation also found that census clerks and enumerators had great difficulty in recognizing, coding, matching, and correctly processing the questionnaires for WHUHE units. (PERM 89)

Nonhousehold sources (NHHS) program—The objective here was to reduce differential undercoverage of minority populations. The program was based on matching independent lists of names and corresponding addresses to the 1980 census during the actual enumeration in areas thought to contain minority populations. Due to processing difficulties, individuals living in large multiunit structures were excluded from the match. Persons determined not to have been enumerated were assigned for a followup procedure. Those persons found to have been missed by the census were subsequently enumerated. (See ch. 5.)

The NHHS program was a relatively new one for the 1980 census, and was one of the few procedures directed at improving within-household coverage. A very small version of this program was tested in the 1970 census as the District of Columbia drivers' license test, which indicated that some success could be obtained from using drivers' licenses as an

independent source list. However, the 1970 test was conducted on such a restricted basis that the results could not be generalized. The 1980 testing cycle thus included several trials of this procedure. (See ch. 2.)

For 1980, the program used lists of names and addresses from departments of motor vehicles, the U.S. Immigration and Naturalization Service, and the 1979 New York City public assistance files. Furthermore, to facilitate the matching operations, the program was instituted in selected ZIP-Code areas where the Census Bureau could code addresses geographically by computer. These areas contained most of the highly urbanized portions of the United States.

Evaluation of the NHHS program was based on a review of a sample of records from 409 district offices. Analysis of the data indicated that about 127,000 persons (including substantial proportions of Blacks and Hispanics) had been added to the census as a result of the program. Of these, about 82,000 were persons whose names were on the NHHS lists, and 45,000 were persons whose names did not appear on the lists but who resided at listed addresses and were enumerated as part of the NHHS followup. These persons represented approximately 1.2 and 0.7 percent, respectively, of the 6.8 million included in the NHHS lists. This resulted in a total yield of about 1.9 percent of the NHHS lists-substantially lower than the 10 percent test experiences had predicted. The evaluation also indicated that another 58,000 persons should have been added, but were not, for reasons probably attributable to the timing of the operation-late in processing, when pressures were greatest to complete work and close the offices. The lists themselves also were examined; those from public assistance rolls and the Immigration and Naturalization Service yielded almost twice as many adds per followup case as those from the motor vehicle departments. The NHHS program's field processing cost was estimated at \$6.3 million, or about \$35 per person added in centralized areas and \$73 per person added in decentralized areas. (PERM 99)

Followup of vacant and deleted housing units-As part of the 1980 census, all known housing units classified by census enumerators as "vacant" or "deleted [as nonexistent]" were revisited to determine if they had been correctly classified. The initial classification of housing units as vacant or deleted varied, depending on the type of census procedure under which the housing unit was enumerated. In the mail census areas, most persons were enumerated by being mailed a questionnaire that they were to fill out and mail back. For addresses for which no questionnaire was returned, enumerators were sent to determine if the housing units were occupied on Census Day, and to complete questionnaires for both occupied and vacant units. Under the conventional door-to-door list-and-enumerate census procedures, enumerators classified housing units as occupied or vacant as they visited and enumerated them. For both mail or conventional procedures, all vacant (but not vacant usual-home-elsewhere) units were routinely rechecked through a field followup. (See ch. 5.)

Analysis showed that this field followup covered some 5.8 million vacant and 2.3 million deleted housing units. As a result of the followup, about 10 percent of the vacant units and about 7.5 percent of the deleted units were converted to occupied. The followup operation's cost, about \$36.3 million (mainly for field work), was the largest of all the coverage-improvement programs. (PHC80-E3)

Prelist recanvass—This operation was in response to concerns about address list completeness in prelist areas. The objectives were to add and enumerate housing units that had been missed, to reinstate deleted listings where appropriate, and to eliminate duplicate listings. Prelist recanvass was conducted in 137 district offices. (See ch. 5.)

Evaluation was based on a clerical review of a sample of the recanvass registers. Clerks compared the sample of address registers the field enumerators had used for the recanvass with the master address registers (MAR's) to see how many units the procedure had added; then they checked the MAR's for units reinstated or deleted through the recanvass. For the areas covered by the evaluation, it appeared that about 105,000 housing units (0.8 percent of the census count) had been added by recanvass, and that these units contained an estimated 217,000 persons. The recanvass operation cost \$10.29 million. (PHC80-E3)

Assistance centers—To aid respondents in completing questionnaires, and in directing persons who had not been enumerated in how to be counted, the Census Bureau established walk-in assistance centers in each of the 87 centralized district offices and offered telephone assistance from all 373 centralized and decentralized offices. All of the mail questionnaire address labels carried a telephone assistance number, which was also published through the media and public organizations.

Staffing was by specially trained clerical personnel whose tasks included providing answers to questions from the public, arranging for enumerator visits when necessary, and recording assistance requests. If clerks determined that a person had not been counted, a questionnaire was completed and returned to the census district office. A matching operation took place there to see if a questionnaire already existed for the person reported to have been missed. Those not found by this search were added to the census. (See ch. 5.)

A complete evaluation of assistance centers did not prove possible as some of the needed records were not retained. However, a sample of the extant records was reviewed; this indicated there had been around 790,000 contacts, mainly among the decentralized offices, and most often concerning whom to list on the household roster or how to report monthly rent. The program cost was estimated at slightly over \$2 million. (PERM 102)

Spanish-language questionnaire—The goal of this study was to evaluate the alternative methods used to furnish Spanish-language questionnaires to respondents. The Spanish-language questionnaire option in 1980 was communicated to the public primarily via the standard census questionnaire.

In mailout/mailback census areas, respondents could request a questionnaire in Spanish in one of three ways. The first was by checking a box on the cover of the English-language version (indicated by an instruction in Spanish) and mailing it back. The second was by calling the assistance center number appearing on the address label, and the third was by requesting one from the nonresponse followup enumerator if the householder had not returned the questionnaire to the district office. In conventional (nonmail) areas, it also was possible to obtain the appropriate questionnaire (or an interview in Spanish) when the enumerator called at the household. (See ch. 5.)

The effectiveness of asking respondents to request Spanish-language questionnaires by marking the cover of the English questionnaire was evaluated through data collected for several other small-scale studies. These data indicated that very few Spanish-language questionnaires were obtained this way. Enumerators did not keep records on the number they supplied during followup, so the frequency with which this method was used could not be evaluated. There was evidence from the walk-in assistance centers that about 19 percent of the questionnaires asked for there were in Spanish. (PERM 90)

"Were You Counted?" (WYC) campaign—The WYC publicity campaign was designed to enumerate persons who claimed to have been missed in the census. At the conclusion of the regular enumeration, WYC forms containing basic population questions translated into various languages were sent to urban newspapers to be published as a public service. Respondents were asked to complete these WYC forms if they believed they or any members of their family had not been enumerated. For persons who responded, the forms were matched to the census records, and those persons not found were added. (See chs. 4 and 5.)

Evaluation involved reviewing a sample of district office materials. This review led to an estimate of about 62,000 forms received nationally, with reports of about 140,000 persons. About half the persons were added to the census; roughly another quarter were found to have been enumerated already, and the fourth quarter were not added for various reasons (such as a poor or unlocatable address). Some 4,000 of the added persons appeared to have been duplicated as a result of adding them from the WYC operation. Census office processing was estimated to have cost \$270,000. (PHC80-E3)

Post-enumeration post office check (PEPOC)—This check was designed to improve census coverage through a postal review in those areas where the traditional door-to-door, list-and-enumerate (conventional) procedure was used. After the enumeration was completed, the Postal Service reviewed the

addresses that had been collected. Local post offices identified some 148,000 housing units that the census might have missed. The Census Bureau's followup added both housing units and persons to the census from this operation. (See ch. 5.)

An evaluation of the PEPOC records from a sample of district offices indicated that about 50,000 housing units (0.68 percent of all units in conventional census areas) and approximately 130,000 persons were added to the census though this operation. Evaluation estimated the cost at about \$990,000. (PHC80-E3)

Local review—This program involved having each district office send to local officials for review preliminary census counts of population and housing units (occupied and vacant), down to the enumeration-district (ED) level, after the nonresponse followup operation had been completed. The officials were to review these counts and notify the district offices of discrepancies for which they had "hard" evidence, and the district office staff would investigate and resolve these cases. About a third of the 39,000 governmental units that had been contacted participated in the program, and half of these participants identified potential problems. (See ch. 5.)

Evaluation was conducted by summarizing all the materials and records saved from the program. This indicated that problems had been identified in about 28,000 ED's, and these were resolved in about 20,000 cases without a recanvass. Recanvassing corrected the geographic codes for about 28,000 housing units, and added 53,000 units and nearly 76,000 persons to the census. The local review program was estimated to have cost around \$4.3 million, the major part of which (\$2.7 million) was spent on generating the preliminary population and housing counts for local officials to review. (PHC80-E3)

CONTENT EVALUATION

Content evaluation studies focused on the potential nonsampling error and bias in the census data in terms of reporting accuracy or consistency, the impact of collection and processing procedures on the data, and the measurement of this error's components. The studies were based on reinterview procedures, matches of census files with other independent sources, and contrasts between certain census totals. They also were designed to identify characteristics with high degrees of nonsampling error or bias.

Content Reinterview Study

This study was designed to measure the simple response variance and response bias associated with certain population and housing data in the 1980 census, and thus provide information on the quality of the data. The questions selected for the study generally were those that were new or substantially changed for 1980, or where evaluation in past censuses or tests

indicated the need for repeated measurement. The population questions were: Spanish/Hispanic origin, school attendance, place of birth, citizenship, year of immigration (to the United States), non-English language spoken and ability to speak English, and ancestry. The first item was tested with the same question as in the census (to measure response variance), and the rest with differently worded questions (to assess response bias). The housing characteristics analyzed were: tenure, heating fuel, property size, condominium status, seasonal vacancy status, property usage, number of vans or trucks, year structure built, heating method, units in structure, number of automobiles, and plumbing facilities. Here, the first six items repeated the census questions and the last six, the differently worded questions. (See ch. 12 for facsimiles and discussion of the individual census items.)

The study sample was designed to be self weighting, with 14,000 housing units, all of which had received long-form questionnaires. Staff interviewers from the Census Bureau's Current Population Survey, given 2 days of special training for this study, visited the sample units between November 1980 and January 1981. Where possible, they contacted each person 15 years of age and older as self-respondents, and collected data for younger persons by proxy. Fifteen- and 16-year-olds could be interviewed either as self-respondents or by proxy. Telephone and proxy interviews for persons over 16 were permitted only as a last resort. The interviewers completed household rosters and reinterview questionnaires for the households at the time of the original contact, without any knowledge of the responses originally made in the census. The completed questionnaires were reviewed in the Census Bureau regional offices, followed up if necessary, and then sent to the decennial census processing offices for check-in and temporary storage. Of the 13,764 reinterview cases accounted for, 88 percent resulted in completed questionnaires.

Processing took place in Jeffersonville, IN. Here, the reinterview questionnaires were coded, edited, and linked with the census questionnaires under strict quality controls. Of the 12,313 cases from occupied units, 9,953 (81 percent) were matched. The linking data and the data from the reinterview questionnaires were keyed. The reinterview data were matched to the census sample detail files to create a file of reinterview data and corresponding census data. This file was used to produce the reinterview tables and statistical measures of response variance and bias.

Allowing for changes in the time lapse between Census Day (April 1, 1980) and the reinterviews (November 1980-January 1981) and the effects of field collection and subsequent processing, census data imputation, movers, and the like, the study (using both edited and unedited questionnaires) arrived at a number of conclusions:

Among the population items, Spanish origin yielded a low level of response variability.

The school-attendance characteristic showed that the highestgrade attended item exhibited a moderate level of response variability. Two of its eight college categories exhibited an upward bias, while three had a downward bias. The item asking whether the person finished the highest grade (or year) of school attended reflected a downward bias in the "Yes" category that could have been a result of the time lapse between the two responses and therefore not a true instance of underreporting. Most of the misreporting occurred in categories past grade 10, with more education generally reported during the reinterview. On whether the person attended regular school or college at any time since Feb. 1, 1980, it appeared that persons not working toward a degree were much less likely to report school attendance than persons who were.

The place-of-birth characteristic exhibited a low level of response variability, with only the District of Columbia and Idaho showing moderate levels. About a third of this misreporting for the District reflected the tendency to report the actual place of birth (a District hospital) rather than the mother's adjoining State of residence (Maryland or Virginia), as instructed in the place-of-birth question. In more than half of the cases where Idaho was misreported in the census, the "correct" response should have been Illinois or Indiana, suggesting a coding/handwriting problem rather than a respondent's conceptual error for that category. The unedited data showed bias for six States and "Other." Misreporting for these categories appeared due to census responses of "U.S." and "Other." During editing, "U.S." was removed and many "Other" responses were changed to the "correct" State. As a result, the edited data showed no bias. (See below.)

The unedited citizenship data exhibited high variability, but low variability when edited. The cause of the high inconsistency before editing was many respondents' failure to skip the two citizenship questions if they were born in the United States.

The question asking whether a person spoke a language other than English at home had a moderate level of response variability with some upward bias in the "Yes" category. The question asking for the specific non-English language spoken yielded very low response variability. None of its categories showed any significant bias.

Overall, the ancestry characteristic had a moderate level of response variability: The most frequent confusion appeared in the ancestry pairs English/German, English/Irish, and English/Scottish. The most inconsistency was evident where the reinterview response was United States or American, especially when the census response was English, French, German, or Irish. There was an upward bias for the categories English, French, German, Irish, and other single-ancestry groups, while Czechoslovakian, Italian, Russian (except Ukrainian), Scottish, and U.S.-American showed a downward bias.

Among the housing items, tenure and heating fuel exhibited low levels of response variability, while the characteristics of property size, condominium status, and seasonal vacancy showed moderate amounts of variability. The property-size question exhibited high variability inside metropolitan areas. The property-usage characteristic showed a high level of response

variability, most of which was due to a shift from "Yes" in the census to "No" in the reinterview. This could have indicated a misunderstanding of the "commercial establishment" concept used in the census that was clarified during the reinterview. The remaining housing items were evaluated for response bias: The item concerning the number of vans or trucks exhibited some bias in the "None" and "Two" categories. Overall response variability for the questions was in the moderate range. For multiunits, year structure built (given by a structure respondent) showed bias in the three intervals corresponding to the oldest building dates. For single and multiunit structures, the response variability for this characteristic was moderate and at about the same level as in 1970. There was no evidence that people reported the date of extensive remodeling as the original construction date. The heating-method item showed moderate response variability at about the same level as in 1970; most of its categories reflected bias. The unitsin-structure item had moderate levels of response variability that increased as the reported size of the building increased, which probably resulted in having units inside metropolitan areas showing more variability than units outside. The census results were upwardly biased for the number-of-automobiles item; its moderate levels of response variability increased with the number reported. The plumbing-facilities item showed a relatively large upward bias in the category "Yes, but used by another household," while the response variability was in the moderate range.

Evaluation of the edited census data, when compared with the reinterview data, led to some general observations: For the most part, analysis revealed that the level of bias seemed to be about the same in the edited and unedited distributions for a particular characteristic. There were a few isolated cases, such as citizenship, where editing appeared to reduce the bias considerably, but this was an exception. In most cases, the index of inconsistency and corresponding confidence intervals computed from the edited census data were larger than the index from the unedited data. (PHC80-E2)

Evaluation of Education Questions

This 1983 study presented descriptive analyses of education-related responses from the census/content reinterview (CRS) matched file of 24,585 persons, emphasizing several key issues—measurement, reliability, and proposed question alternatives. Rigorous statistical tests were not included. The questions examined were highest grade attended, degrees attained, and present enrollment from the census mail questionnaire, and in school or college from the CRS. Inconsistencies were noted among the census/CRS responses, including an upward shift in reporting the highest grade completed. The study suggested that some of the inconsistencies might be attributable to methods or question wording. (PERM 104)

Detailed Evaluation of Place-of-Birth Question

This 1986 study provided a systematic evaluation of the accuracy of reporting place of birth in the 1980 census based on the Content Reinterview Survey (CRS). The study carried

out a much more detailed analysis of the place-of-birth question than a previous study (see above), and more conclusions could be drawn regarding the attributes of the census data on place of birth. The study focused on three types of evaluation: (1) The identification of different types of response errors to the question on place of birth in the 1980 census, (2) the identification of allocation error resulting from the computer assignment of unknown place of birth, and (3) the evaluation of net errors in place-of-birth distributions at the regional and State level.

The results of this report showed that the vast majority of persons correctly reported their place of birth in the 1980 census; however, certain types of response error occurred with varying frequency by age and race. On the basis of the match of census responses with the "correct" CRS response, it was determined that the correct place of birth was reported for 95.0 percent of all persons. Of the 5.0 percent of matched cases where the census State of birth differed from the CRS State, 3.6 percent were attributable to incorrect reporting by respondents. The remaining 1.4 percent were the result of the misallocation of place of birth for nonrespondents in the census. When the results were classified by race, substantial differences in the accuracy of reporting place of birth emerged. The place of birth was estimated to be correct for only 91.7 percent of Black respondents where the estimated response error (5.8 percent) and allocation error (2.5 percent) were almost double the corresponding rates for White-and-other-races respondents. A common mistake for persons of all age and race groups was to report the place where their birth occurred instead of the place where their mother was living. Over 70 percent of persons who were born in a State that differed from their mother's residence misreported the actual State of birth. This extremely high rate of misreporting indicated that persons were probably not reading the questionnaire instruction to report the State of mother's residence or that people simply do not think of the birthplace in terms of their mother's residence when they were born. Finally, for some persons, (especially older Blacks), there was a tendency to report the State of residence or some "other" State as place of birth.

The second phase of the evaluation demonstrated how most of the gross errors in the census data on place of birth tended to cancel when aggregated to distributions by place of birth. Thus, with some exceptions, the Content Reinterview data indicated that published census place-of-birth distributions were accurate. The exceptions were significant biases in the census place-of-birth data for the Black population and, as noted on p. 22 above, for the total population of a few States (Nevada, Idaho, District of Columbia, and Maryland). (PERM 111)

Utility Cost Study

Experience from the 1970 census suggested that respondents' estimates of the average monthly cost of gas and electricity were subject to relatively large response biases (net

overreporting) and that the size of the bias varied considerably from area to area. A record check study was designed to evaluate a proposal that the reporting of electricity and gas costs in the census would be improved if utility companies furnished their customers with statements of their average costs for the 12 months preceding the census. This method was chosen because it was assumed householders would not ordinarily have averaged bills readily available; a probing reinterview therefore would be subject to the same biases as the original census response. (The 1980 census collected utility costs for both renter- and owner-occupied units, whereas the 1970 census included only renters' utilities.)

Of the companies responding to the Census Bureau's December 1979 inquiry and willing to cooperate, 11 companies serving 8 cities (Beaumont, TX, Davenport, IA, Dearborn, MI, Little Rock, AR, Macon, GA, Montgomery, AL, Rockford, IL, and Stockton, CA) actually participated in the study. The companies randomly selected a sample of approximately half of their residential customers, who then were notified of their average monthly utility costs when they received their bills in March 1980. The other half of the customers, who served as the study's control group, were not notified. The companies provided the Census Bureau with their customer lists, which included names, addresses, average monthly utility cost, number of months on which the average was based, and indicated whether the customer was either in the sample or the control.

The actual costs incurred were compared in 1982 with the amounts the same households reported on the 1980 long-form household questionnaires. Analysis for the eight cities revealed that, overall, the census respondents tended to overreport their gas costs more than they did their electricity costs. Also, renter-occupied households tended to overreport both costs more than their owner-occupied counterparts. For electricity, the improvement resulting from the notification was 22.6 percent for renters and 38.0 percent for owners, but the notified census respondents still overreported their costs by 15.2 percent (owners) and 26.0 percent (renters). For gas, the improvement was 26.7 percent (renters) and 48.4 percent (owners), but the notified census respondents still overreported their costs by 41.2 percent (renters) and 29.7 percent (owners). Mortgaged households reported electricity costs more accurately than nonmortaged ones, but there was only a slight difference when reporting gas costs. Providing customers with their average monthly costs for electricity significantly improved estimates of shelter costs in owner-occupied, mortgaged units, with somewhat less improvement reflected in shelter costs for homeowners without mortgages or gross rent for renters. Furnishing customers with their average monthly cost of gas significantly improved both shelter costs for homeowners and gross rent for renters. (PERM 59)

PROCESSING AND QUALITY-CONTROL EVALUATIONS

A number of projects studied various aspects of the data capture and processing system, particularly the effectiveness of quality controls on the operations. Most of the evaluations

dealt with clerical coding, for which written-in responses on the sample household questionnaires were converted to FOSDIC (film optical sensing device for input to computers) codes so the data could be processed electronically. Other evaluation dealt with qualification testing of the coders. The coding operations were classified as general, industry and occupation (I&O), and place of work/migration (POW/Mig). "General" covered all entries other than I&O and POW/Mig, such as for ancestry, income, utility costs, and the like. Coding, qualification, and quality-control methods are described in chapter 6.

Overall evaluation of the three types of coding indicated that production rates in the three processing offices tended to vary more than error rates by a ratio of approximately two to one. Production rates tended to vary more than error rates relative to coders within processing offices also by a ratio of approximately two to one. The slower coders tended to do poorer quality work. Contingency-table analysis suggested that there was an overall dependent relationship between error rates and production rates in each of the three coding operations. Production rates generally tended to increase and error rates tended to decrease over the ordered time base. (PERM 77)

General Coding

Qualification testing—For all three processing offices, there was a statistically significant tendency for a general coding clerk who qualified from the first test to produce work with an average error rate below the 1.8 percent level required for acceptable performance. Similarly, a clerk who qualified on the second test tended to produce work at an unacceptable quality level, i.e., with an average error rate greater than 1.8 percent. Within each processing office, the distribution of scores of the first qualification tests most frequently used did not differ significantly from a Gamma distribution. Approximately 4 percent of all prospective general coders failed to qualify for coding. (PERM 78)

Comparison of 100-percent review error rates and quality-control sample estimated error rates—The purpose of this study was to determine if there was a consistent relationship between the estimated error rates for rejected work units and the error rates for the same general-coding work units when "rectified," i.e., underwent 100-percent review and correction. Analysis of the quality-control records for sample verification and rectification found that there was no consistent relationship between the two sets of error rates; sample-verified data had an estimated error rate of about 52 percent, while the same data, when rectified, yielded an error rate of less than 4 percent. (PERM 26)

Verification—This study measured the quality of the verifiers' work in the general-coding operation and determined in a dependent manner its effect on the accuracy of the quality-control accept/reject decisions about individual coders' work.

Population Division technicians in each of the processing offices periodically reviewed a nonstatistical sample of each verifier's work. The study's major findings were that the verifiers' overall miss rate, measured in the nonstatistical sample, was 36 percent. Their omission rate was 33 percent and their commission rate, 0.07 percent. The rates varied within and between the three processing offices, with New Orleans having consistently higher rates than Laguna Niguel and Jefferson-ville. (The "omission rate" was defined as the percentage of all incorrect codes before postcoding that still were incorrect after postcoding; the "commission rate" was the percentage of all correct codes before postcoding that were incorrect after postcoding.) (PERM 47)

Income-item coding—"Factors of 10" errors—These errors resulted when general coders inadvertently shifted the decimal place in income responses to the left or to the right—i.e., by a factor of 10. These items included wages and salary, nonfarm and farm income, interest, dividends, social security, retirement, and other income sources. Prior to this study, relationship and consistency computer edits were employed to identify ED's having significant error rates in income data and to correct the codes. (For discussion, see ch. 12, p. 27, n. 14.)

Data for this study were obtained from the processing center coding performance (PCCP) evaluation (see below). It appeared that production coders, on the average, erroneously coded the eight income items 5.1 percent of the time. This ranged from a low of 3.8 percent for wages and salary to a high of 13.6 percent for nonfarm income. Approximately 15 percent of all income-item errors were of the factor-of-10 type, but correction of those identified in the study involved only 2.5 percent of those estimated to exist in the census. (PERM 73)

Industry and Occupation (I&O) Coding

Qualification testing—For all three processing offices, a statistically significant tendency was found for clerks who passed the first qualification test to have a cumulative error rate below the acceptable performance level (8.25 percent). It also was shown that those failing the first test tended to code above the acceptable performance level. Over all, 2 percent of the clerks at the Jeffersonville processing office failed to qualify for coding, 12 percent at Laguna Niguel, and 8 percent at New Orleans. (PERM 29)

100-percent rectification—This study was designed to determine if there was a consistent relationship between the estimated error rates for work rejected in I&O coding and the error rates for the same work when it was 100-percent rectified. Analysis of the quality-assurance records showed that there was no consistent relationship between the two sets of error rates, and that the sample-verified data had an estimated error rate of roughly 46 percent, while the same data, when rectified, yielded an error rate of about 22 percent. (PERM 34)

Postcoding—This study evaluated the quality of the I&O postcoders' work, of which Population Division technicians reviewed a 1-in-5 nonstatistical sample. The study concluded that across all processing offices, (1) the measured postcoder omission rate was 32.0 percent, (2) the measured commission rate was 1.0 percent, and (3) the measured overall miss rate was 21.0 percent. (PERM 57)

Puerto Rico and outlying areas—This study was designed to assess the quality of these areas' I&O coding through a two-way independent quality-assurance scheme with dependent postcoding of differences. Rejected work units were 100-percent rectified if the estimated error rate was greater than 30 percent. The study found that the item error rate was 8.5 percent for Puerto Rico and 7.9 percent for the outlying areas. Both rates were somewhat higher than the 7.5 percent estimated for the 50 States and the District of Columbia. (PERM 37)

Place-of-Work/Migration (POW/Mig) Coding

Qualification testing—Analysis of data from the Laguna Niguel and Jeffersonville processing offices showed that qualifying on the first test was associated with cumulative coding error rates lower than the acceptable performance level (5.25 percent), while qualifying on the second test was associated with cumulative production coding error rates higher than the acceptable performance level. Approximately 4 percent of all prospective coders failed to qualify for coding. Analysis excluded data from New Orleans. (PERM 88)

Postcoding—The purpose of one evaluation was to determine the quality of POW/Mig postcoders' work. Population Division technicians reviewed one-fifth of it each day. Analysis of a nonstatistical sample of the reviewed work indicated that across all three processing offices, the postcoders' miss rate was about 25 percent, the omission rate about 19 percent, and the commission rate 0.4 percent. (All numbers were approximate.) (PERM 36)

The staff also took a nonstatistical sample of ED's that had undergone the 100-percent dependent review required of "very poor quality" POW/Mig coding (i.e., where the sample estimated error rate exceeded 30 percent). Quality-control sample data were compared with the sample of independent postcoding data for the sampled ED's. Results indicated that sample quality control, using independent postcoding, tended to charge twice the error rate (40.1 percent) found in dependent review (19.2 percent). (PERM 30)

Processing Center Coding

The purpose of this evaluation was to estimate the quality of each clerically assigned code for the general, I&O, and POW/Mig coding operations. A selfweighted sample of enumeration

districts (ED's) was selected across the three processing offices and two questionnaires were chosen at random from each ED. Three copies were made of each questionnaire, with the codes masked. Each copy was coded independently to a FOSDIC form for each type of coding, so there were three sets of codes assigned to each questionnaire's general, I&O, and POW/Mig responses. The FOSDIC system captured the independently coded data. The codes then were matched by computer, which selected the majority code of each set of three as the correct one. The correct code then was compared to the original (production) code on the original sampled questionnaire. The evaluation's major findings were as follows: On a national basis, general coding had an error rate of 2.6 percent; I&O coding, 11.7 percent; and POW/Mig coding, 9.3 percent. The Jeffersonville facility produced significantly better quality coding than either Laguna Niguel or New Orleans. The estimated outgoing error rates for each 1980 coding operation were higher than they were for 1970. The dependent verifier "miss rate" for general coding was comparable to that for independent I&O and POW/Mig postcoders. (PERM 68)

Linear relationship among time, production, and quality—This study compared clerical coding (1) production rate vs. time, (2) error rate vs. time, and (3) item-error rate vs. production rate among the three 1980 census processing offices. Regression and correlation analysis of the quality-control data for various months found that general and I&O coding improved in quality across all offices during both early and late stages of coding, although less rapidly during the latter. This was not true of POW/Mig coding, possibly because each SMSA coded required a new, small learning curve. Some of the regression slopes differed significantly among the offices. (PERM 39)

Item-error rate distributions—This study provided comparisons of coding item-error rates on a work-unit basis for general, I&O, and POW/Mig coding operations among the three 1980 census processing offices. Review and analysis of each office's quality-control records indicated that the Jeffersonville office's mean work-unit item-error rate was significantly lower than the other two for all three coding operations, and Laguna Niguel had a significantly lower mean rate than New Orleans. The item-error rate distributions among the three offices differed significantly. (PERM 38)

A second study was designed to determine whether the data from the three major coding operations (general, I&O, and POW/Mig) in the 1980 census processing offices fit certain statistical distributions. The data studied were the number of items coded per questionnaire and the coding-error rate per questionnaire. The study found that no data fit the normal distribution function. Two of the three processing offices (Jeffersonville and Laguna Niguel) appeared to have a Gamma

distribution of the number of POW/Mig items coded per questionnaire, and one of the three offices (Jeffersonville) also appeared to have a Beta distribution for the same data set. (PERM 103)

Other Processing Office Operations

Quality-control management information system (QCMIS)—The purpose of this study was to analyze the effectiveness and timeliness of the data coming through the QCMIS (see ch. 6) concerning the three major coding operations. The major findings were that (1) the QCMIS was effective as a major data-gathering agent, and (2) the processing office and head-quarters staff used its output in decision-making, but (3) its effectiveness was hampered by problems in getting the data into the system, such as late delivery of records and lax verification of keying, and in computer processing, specifically, weighting the data. (PERM 40)

Content reinterview study (CRS): clerical operations—During the CRS (see p. 21), if it was discovered that one or more persons in the sample household had been living somewhere else on Census Day, the interviewer completed a CRS form for each unique Census Day address. This form then was used to match the reinterview person(s) to the appropriate census questionnaire(s). Specific items were coded and keyed on both the original and reinterview questionnaires. This study measured the accuracy of these matching and coding operations by reviewing close to 10,000 CRS questionnaires and 250 alternative-address records with their corresponding census questionnaires. The match/transcription item-error rate for the CRS questionnaires was 0.35 percent and for the alternativeaddress records, 0.46 percent; the coding item-error rates were about 0.44 percent for both types of forms; and the estimated field-keying error rates for the two types of forms were 0.18 and 0.09, respectively. (PERM 43)

GBF/DIME File Closeout Evaluation

This was an independent study that evaluated the geocoding of 280 GBF/DIME (geographic base file/dual independent map encoding; see ch. 3) files by estimating the accuracy of the ZIP Code, block, census tract, and place codes prior to census geocoding. A sample of about 600 to 800 housing-unit addresses over 5 strata were selected from each file; address cards were prepared for them and sent to the appropriate regional offices for field listing. The address cards then had their geographic codes compared with the corresponding codes from the GBF/DIME files. A geographic planning specialist in each region adjudicated differences. The errors were weighted by stratum and an estimate of the quality of each file was calculated. The results were as follows: (1) The national error rate estimates on an address basis for block/tract/place/ZIP was 6.0 percent, and

for block/tract, 3.8 percent. (2) Using a predefined goal of a block/tract error rate of 5.0 percent or less, 79.3 percent of the files passed the closeout evaluation. (3) The 1980 GBF/DIME files' national estimated block/tract/place error rate was lower than the one for the 1970 address coding guides (ACG's) for which block, tract, and MCD/CCD (minor civil division/census county division)/place error rates were computed; the 1980 ACG estimated rate was 4.9 percent, compared with 1970, 6.9 percent. (PERM 49)

OTHER STUDIES

Census Logistical Early Warning Sample (CLEWS)

Approximately 6,000 of the regular 1980 census household questionnaire mailing packages chosen from a national sample (3,000 short and 3,000 long forms) were prepared with return envelopes marked "CLEWS" and addressed to the Jeffersonville processing center instead of the appropriate district office. As the completed questionnaires were received in Jeffersonville each day, they were immediately checked against a control list, edited, coded, and reviewed before being copied and forwarded to their respective district offices for inclusion in the census. The review was translated into rapid estimates of daily mail-return rates and questionnaire edit-failure rates by type of district office (centralized or decentralized) and type of form (long or short). CLEWS served as an early warning about the amount of work to expect, the CLEWS questionnaire copies also served as the control group for the alternative questionnaire experiment (see below).

The staff was able to analyze 5,142 CLEWS cases and confirmed after the census that their return rates resembled those being experienced in the district offices, and with little difference between long and short forms. The race, Spanishorigin, and income responses required the most editing and/or followup. (PERM 22, 46)

Imputation, Allocation, and Substitution

In the census, these three methods dealt with the assignment of information, based on related data, for unreported items (e.g., housing, persons, or both) on a questionnaire. Despite extensive efforts to obtain complete data, it was not always possible to do so, due to factors such as partial enumeration, respondent refusal, coding error, and/or electronic processing. The Census Bureau chose to impute missing data so that records would be complete for tabulation.

A series of procedures were designed to deal with varying amounts of incomplete data, resulting in a "continuum of [data] completeness" ranging from totally complete forms to those in which the occupancy status and/or household size were not known. These procedures are described in chapter 12 and their evaluations are highlighted below.

Imputation in the 1980 census—Examination of the records indicated that of the total U.S. population, 10.5 percent required the imputation of one or more—but not all—characteristics. Approximately 1.2 percent had all their characteristics substituted from other households, based on a known household size. An additional 0.3 percent of the population had all their characteristics imputed by substitution based on an imputed household size and, in some instances, an imputed occupancy status. It was this 0.3 percent of the population that led to a lawsuit the State of Indiana brought against the Census Bureau, charging that imputation had cost the State a congressional seat. (See ch. 10.) (PERM 32)

Special check on unclassified units—As the district offices were closing, field verification was undertaken in 12 areas with the highest rates of unclassified housing units (i.e., those lacking [1] household size or [2] vacancy status and household size), using a purposive sample. Within the 12 district offices, enumeration districts (ED's) with 50 or more such units were included, and about 11,000 units were checked. There was some concern that these might be seasonal vacant units, and therefore would have had more than their share of persons imputed. The results showed that the majority of the unclassified housing units represented year-round occupied units, thus alleviating the concern. (PERM 10, 32)

Run length—Data from earlier censuses showed that units that are close together are more similar than those farther apart, and that adjacent units are better predictors of household size than other units from a larger area. An investigation after the 1980 census determined how often during census processing an adjacent unit (defined as the immediately preceding unit on the basic record tape) was used as the donor unit for imputation. The "distance" between two units was to be measured by the number of questionnaires separating the donor and the imputed unit. As this information was not readily available, the data-capture files for the States of Florida and Alabama were rerun through the imputation program. A major portion of the imputations (70 percent in Florida and 78 percent in Alabama) were drawn from the preceding unit on the data tape.

To separately identify the "hot deck" imputations in which both occupancy status and total population were imputed and those in which only total population was imputed, an additional study was carried out on nine ED's. The microfilm for these ED's was rerun, and the data-capture program was altered to obtain the occupancy status and household size of the housing units subject to imputation. (Other than for these nine ED's, the data for the imputed units with a known vs. allocated occupancy status were not available.) In 50 percent of the housing

units for which the total population was imputed, both occupancy status and total population were imputed; in the other 50 percent, only total population was imputed. The evaluation found that over 60 percent of the units subject to imputation received data from the preceding unit (67 percent for units requiring imputation of both occupancy status and total population). With regard to vacancy rates, there was no statistically significant difference between units with known occupancy status and those with allocated occupancy status with regard to the proportion vacant. (PERM 32)

Intraclass correlation-This study measured the degree of homogeneity within housing clusters by computing intraclass correlation coefficients for various 100-percent population and housing characteristics from a 10,000-ED sample of differentsized clusters, widely distributed in their geography. (The sample comprised the ED's chosen in the second stage of 1980 PEP E-sample selection [see p. 8 above].) Past studies had indicated that small clusters exhibited a higher degree of homogeneity than larger ones—i.e., units that are closer together are more similar than those farther apart. This finding of homogeneity supported the use of an adjacent unit as a donor during imputation. The results of this study showed that as cluster sizes increased, intraclass correlations decreased, confirming the trend. (Another application of these results was in survey design, as this homogeneity produced an increase in sampling variance.) This study provided tables showing the statistical effects of clustering at various sizes and different geographic disaggregations, and demonstrated that various sample designs should be considered in choosing the most cost-effective methodology. (PERM 69)

Other Evaluations

Estimation procedure for 1980 census sample data—To determine an estimation procedure for weighting the 1980 census sample, this project investigated a number of proposed methods. The estimators were of three basic types: (1) Raking ratio, (2) post-stratified or cell-by-cell, and (3) the inflated sample mean or "single cell." The staff created a study universe from the 1970 census sample records and divided it into weighting areas. In each weighting area, all possible samples were obtained according to the anticipated 1980 census sampling scheme. The records for each study population sample were weighted, utilizing each of the proposed estimation methods. For each method, the actual standard error, bias, and mean square error were calculated for a variety of data items, based on all possible samples within each weighting area. These statistics formed the basis for comparing the proposed estimation methods.

Considering standard error, bias, and sampling biases occurring in a census, the staff felt that a raking-ratio procedure would be the most desirable, as it would control to some extent

for sample biases and also provide adequate estimates for various demographic totals. The best of the raking-ratio procedures examined was selected for use in 1980.

Variance estimation procedure for 1980 census sample data—This project examined the technical and cost-related considerations of four variance estimating methods, employing an extensive empirical analysis to compare them: (1) Random groups, with and without reweighting, (2) jackknife, (3) balanced repeated-replications method, and (4) a linearization technique based on a Taylor-series expansion of the census raking-ratio estimator. Several variations of each basic method were run on one or more populations derived from the 1970 census sample. For each estimator studied, its total mean square error, variance, bias, and cost were derived. The general methodology for the comparison was to structure the study population into all possible samples that would have resulted under the 1980 census sample design. The proposed variance-estimation procedures were performed independently for each sample.

Production for about 1,000 data items to be tabulated from 1980 census sample data was estimated to cost between \$750,000 and \$1 million for linearization, or \$40,000 to \$90,000 for random groups. Balanced repeated replications and the jackknife method were at the high end of the cost scale. The subsequent decision to use the random-groups procedure to produce the census variance estimates was based on both cost and reliability considerations. The findings indicated that the linearization method was superior (almost entirely due to its smaller variance), but at a substantially higher cost. The random-groups method was superior to the balanced-repeated-replications and jackknife methods. (PERM 62)

Estimating upper and lower bounds on census nonsampling variance—This study explored methods for estimating total census variance in ways that did not require experimental designs or reinterview surveys. (Studies had evaluated census operations such as interviewing, coding, editing, keying, microfilming, and tabulating. The methods most often used for evaluation required either some form of replication of the operation or interpenetration of the operators' assignments. For large-scale surveys, these methods were expensive to implement and difficult to control.) By taking advantage of the census's complete geographic coverage, the estimation method was aimed at producing a narrow range of error that contained the census's total nonsampling variance. The upper and lower bounds would serve as indicators of census data quality. The staff expected that the bounds' utility could be extended to other topics, such as determining which census items were most affected by processing error, comparing a decentralized data-collection procedure with a centralized one, and forming rough estimates of the total census variance.

The idea behind this methodology was similar to the collapsedstrata concept of variance estimation. The effects of the respondent and the enumerator, and the joint effects of the census district offices' (DO's) and processing centers' operations were to be estimated by functions of three contrasts: (1) Between ED's within the same district, (2) between ED's from several districts processed in the same processing centers, and (3) between ED's within different districts and different processing centers. A sample of centralized and decentralized pairs of contiguous DO's were selected from the Boston and New York census regions and the neighbors for the ED's were identified clerically, so there were 7 DO pairs and 794 ED's for computing centralized estimates and 16 DO pairs and 1,476 ED's for the decentralized estimates. Although inconclusive, the results showed a substantial spatial correlation between neighboring ED's for some characteristics. (PERM 95; Biemer, 1986)

Public Information Evaluation

Advertising media evaluations—To help stimulate public participation and response to the census, public-service advertising materials were distributed in January and February 1980 to over 20,000 media outlets, which were asked to use them on a nonpaid, public-service basis. (See ch. 4.) Among the campaign's primary purposes were (1) giving notice to the American public that a census was to be taken; (2) informing the people how and why they were to be counted; (3) fostering favorable attitudes toward the census and census-taking; (4) eliciting the appropriate cooperative response to the census; and (5) aiding in reducing the undercount, particularly of minority and other hard-to-reach populations. The media (including Black and Spanish language) were local and network radio and television, newspapers (daily and weekly), consumer and trade magazines, billboards, and transit cards.

For two of the evaluations assessing the impact of the public information campaign, the Advertising Council retained independent professional media firms in the summer and fall of 1980 on the Census Bureau's behalf to audit and report on the value of this public-service advertising in terms of audience analyses and dollar value for equivalent commercial advertising. A separate audit was undertaken for the Black and Spanishlanguage media.

Audience analyses used the measures of "reach" and "frequency" common in advertising research. "Reach" was defined as the number of different adults, 18 years of age or older, exposed to a 1980 census advertising message at least once, expressed as a percentage of the total U.S. population of the same age group. "Frequency" was defined as the average number of times adults, 18 years and older, were exposed to the messages. A variety of standard advertising-research methods, including the use of secondary sources such as Nielsen surveys and market-coverage analysis, were employed to obtain the estimates for each of the 12 media categories. In addition, over 1,000 telephone interviews were conducted. The audit of minority media (largely radio and television) emphasized qualitative as well as quantitative data, documenting the salient character of the ads themselves. Dollar values were compared with those of leading commercial advertisers.

The auditors concluded that the Census Bureau had received the equivalent of some \$38 million worth of commercial advertising, and that virtually every person in the United States had been exposed to an average of 100 census advertising messages from one medium source or another between January and June 1980. This was considered to have reached the "saturation level." The dollar value of the advertising for the 6-month time period placed the census between the second and third largest commercial advertising outlays. Black media accounted for roughly \$0.5 million of the value, and Spanishlanguage media, \$3.7 million. (The general media also reached Black and Hispanic audiences.)

Predominantly minority radio stations (59 Black and 18 Hispanic) in 18 major cities were contacted by mail, telephone, and personal followup where necessary in the fall of 1980. Of the 77 sampled, 70 responded. All had carried public-service announcements, 50 percent covered the census in talk shows, and somewhat lesser percentages were distributed among news stories, guest interviews, "disk jockey" references, call-in shows, and editorials. (PERM 17)

Knowledge, attitudes, and practices (KAP) survey—The KAP had as its primary goal evaluation of the media campaign's penetration and effect among all segments of the population, in particular, the impact on knowledge of, attitudes toward, and cooperation with the census. Research prior to 1980 had suggested that cooperation with the census might be inhibited by a lack of understanding of what the census is all about: "Who is asking all these questions? Why do they want to know? What are they going to do with my answers?" The KAP survey included six items designed to test knowledge of the basic census facts, including such topics as how often it is taken, who is responsible, the confidentiality of individual replies, whether response to the census is voluntary or mandatory, and its uses for reapportionment and redistricting. Attitude items were intended to sample a wide range of potential concerns, including perceptions about the general importance of the census, its likely beneficiaries, motivation to cooperate, confidentiality, and the usefulness of the census. There were also questions about the specific media and other sources through which respondents learned about the census.

The project employed a pre/post-survey design, with an accompanying record check. The "pre" (phase 1) interviews occurred in late January and early February 1980, before any major buildup of the public-information campaign. The "post" (phase 2) interviews took place about 2 months later, in late March, at the approximate peak of campaign activity. Households were included in either the phase-1 or phase-2 sample, but not both. To minimize response bias (but at the risk of increased nonresponse), an outside contractor conducted all the interviews. At the conclusion of the census, households selected for the phase-2 sample were matched to census records, so that behavior in the census (i.e., mail return,

enumerator assistance, nonresponse) could be assessed objectively. This design permitted analysis of the effectiveness of the public-information campaign in meeting its basic goals.

A multistage, national area probability sample of 50 primary sampling units (PSU's) was employed, with the dwelling unit as the ultimate sampling element. All U.S. areas enumerated by mail were included in the sample frame. To ensure adequate Black and Hispanic representation, these subpopulations were oversampled. Sampling was identical for phases 1 and 2 down to the block level; within a selected block (or its counterpart outside metropolitan areas), the staff designed nonoverlapping clusters of dwelling units for interview in either phase.

Interviews were either in person or by telephone, with one respondent per household—ideally the male or female householder. Phase-1 interviews took place from January 25 through February 6, 1980; out of 3,772 eligible units, there were 2,431 successful interviews (64 percent). Phase 2 was carried out from March 22 through March 27, 1980. Over this 6-day period, 2,446 interviews were completed in 3,115 eligible dwelling units, for a response rate of 79 percent. The phase-2 records were matched to the census with 85 percent success. The survey data were analyzed by race/ethnicity, household income, interview timing, and a variety of outcome variables, and were weighted to approximate distributions of the population.

In terms of reaching people with census messages, the 1980 public information campaign appeared to have been successful. Awareness of the census was already very high (over 90 percent in almost all segments of the population) before the campaign began, yet there were marked increases between phase 1 and phase 2. Based on the survey results, about 3.5 million more households had heard about the census in late March than had 2 months earlier.

Despite the appearance of larger gains among low-income and non-White households in the proportion who had ever heard of the census, statistical analysis detected no differences by race/ethnicity or income in the extent of change. Thus, there had been no reduction of the advantage in awareness that White and high-income households had before the campaign began. Regardless of income, significantly greater proportions of Black and Hispanic households received their census forms without having heard of the census before. Similarly, regardless of race/ethnicity, lower-income households were significantly more likely than those with higher incomes to have received a questionnaire before hearing or reading about the census. These differences were quite small in absolute terms, however.

"Recent" exposure to census information showed a dramatic increase, from about 40 percent of all households in phase 1 to 75 percent in phase 2. This shift was particularly pronounced for Hispanic households, among whom reported recent awareness more than tripled. For all groups, however, the change in recent awareness between phases was positive and highly significant. Among low-income households, the

campaign appeared to have been less effective in reaching Blacks as opposed to Whites or Hispanics; however, there were no detectable differences by race/ethnicity among middle- and high-income households.

The survey also examined the performance of seven specific information channels—newspapers, magazines, television, radio, community meetings, posters and signs, and informal conversation. Virtually every medium reflected positive results, with the greatest relative change taking place in lower-income and non-White households. Television was the most frequently cited source of information about the census, followed by radio and newspapers, for all groups.

With regard to knowledge about the census, the KAP survey concluded that in general, factual knowledge was limited, even after substantial public information campaign activity. For example, only about half of all the households were aware on the eve of the census mailout that the responses would be confidential. Only about 15 percent of the respondents could identify the Census Bureau as the agency responsible for the census. There was only scant and inconsistent evidence that the campaign had positive effects on people's attitudes toward the census. With respect to mail response, it appeared that exposure to the campaign had the most positive effect on low-income households. (PERM 31)

Applied Behavior Analysis Study (ABAS)

The objective here was to investigate the dynamics of the mail-response process in order to learn from whom, how, and why nonresponse occurred by comparing the respondents' self-reports about their actions with respect to the census (from the ABAS) with the census data for the same households. More specifically, the matching process was to determine the final census status of the ABAS households to learn whether and how they were counted and if as mail or enumerator returns. The operation did not address the issue of how many persons were counted within the households.

Shortly after Census Day (to minimize loss of memory about participation in the census process but before followup 1 began, current-program interviewers in the Census Bureau's various regions visited a probability sample of approximately 11,000 households selected from the mail address registers clustered in 20 district offices. Long-form and nonresponse cases were purposely overrepresented. The response rate for the survey was 94 percent.

In the ABAS, self-reports of participation were obtained at each of a series of stages that comprised the mail-response process: Receiving a form in the mail, opening the envelope, starting to fill out the form, finishing the form, and mailing it back. The two self-reports of particular interest were the first and the last-whether respondents reported receiving a census form in the mail and if they reported mailing one back. The responses were analyzed by type of dwelling unit (single vs. multiple), since there was a concern that the mail census might be subject to considerable operational error in multiunit structures. According to the survey, 84.0 percent of those interviewed reported they had mailed back their questionnairesquite close to the 83.3-percent official rate for occupied housing units. Analysis indicated that mail-return rates were highest for Whites, then Blacks, then Hispanics. The higher the income, the more likely the household was to report that the form had been returned. Exposure to census publicity, awareness of a penalty for nonresponse, and district-office type (centralized-/decentralized) all differentiated between mail-return and nonreturn households. Long-form and short-form households were equally likely to report returning their forms. Nonreceipt was the reason given most for nonreturn, especially among lowincome households and those in multiunit structures. Subjective measures of difficulty (e.g., how hard the form looked and how long it might take to fill out) were important in whether filling out began, whereas objective measures (such as form length and household size) were less important. Conversely, the objective measures were more important in whether the form was finished. (PERM 61)

Following the visits, 90.1 percent of the completed interview records were matched to the census questionnaires (7,701 out of 8,550)—by a variety of methods that were themselves analyzed—to see primarily whether the households had been counted as mail returns or enumerator returns. There was no effort to see if everyone in the household had been enumerated. Analysis showed that 97.6 percent of the households reporting in the ABAS that they had not received census questionnaires were, in fact, counted in the census. Two-thirds of these were enumerator returns and a small portion were "last resort" cases. When single-unit vs. multiunit addresses were considered, 96.0 percent of the single-unit ABAS cases reporting nonreceipt of a questionnaire were enumerated, while the comparable figure for multiunit dwellings was 99.5 percent. (PERM 71)

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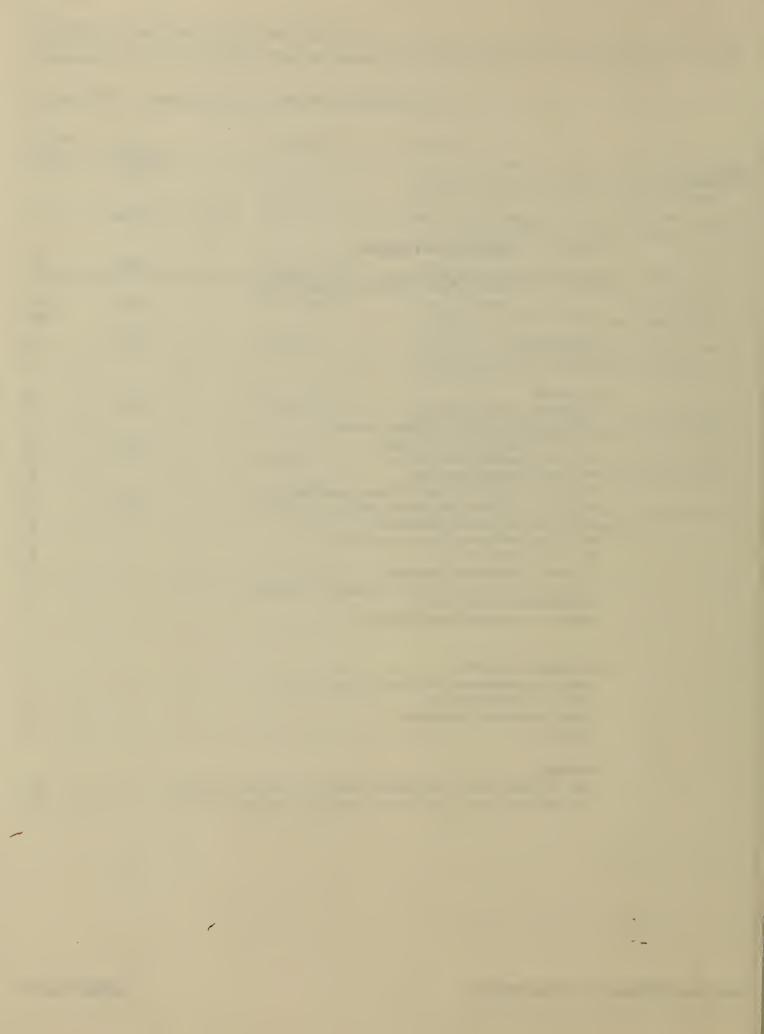
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Chapter 10. Legislation and Litigation

INTRODUCTION

The United States Constitution empowers the Congress to carry out the census in "such manner as they shall by Law direct" (Article I, Section 2). Congress passed special acts for the first 14 censuses (1790 to 1920) with detailed provisions on how to take the census and what questions to include. In 1929, Congress passed the Permanent Census Act under which the 1930 Decennial Census was taken. This act gave the Secretary of Commerce (and by Secretarial delegation, the Director of the Census) substantial discretion in determining the questions and procedures. Modifications to the 1929 act and later legislation to provide for the census of housing governed the 1940 and 1950 censuses. Congress codified these and all other Census Bureau statutes in 1954 as Title 13, United States Code, which permanently authorized the agency's censuses and other statistical programs. Title 13 was amended several times over the ensuing years and governed the 1980 census. (See app. 1A of ch. 1 for pertinent sections.)

This chapter reviews key provisions of Title 13, changes in this or other laws affecting the 1980 census, and various aspects of congressional oversight. Following the legislative section, the chapter focuses on the law suits filed during and after the 1980 census and their eventual outcome. With 52 cases, the 1980 census was perhaps the most litigated in American history. Plaintiffs' major concerns were the alleged undercount of minorities, inclusion of undocumented aliens, operational difficulties that some census offices allegedly encountered, and the unexpected, substantial population shifts some jurisdictions experienced. The motivations to file suit centered around the anticipated loss of Federal and State funding tied to population data and the potential loss of political power in statehouses and Congress. Cases have been summarized and several are reviewed in more detail as exemplary.

Title 13

Title 13 does not specify which subjects or questions are to be included in the census. It does require the Census Bureau to notify Congress of the general content 3 years before the decennial census, and on the actual question wording 2 years before. The law also directs that State population counts for apportionment purposes must be delivered to the President of the United States within 9 months of Census Day.

Title 13 requires individuals to complete (or provide information for) the census questionnaire and participate in other phases of the census as the Census Bureau deems necessary. These other activities may include providing information about a housing unit's address and number of living quarters, participating in test and dress-rehearsal censuses, answering decennial-related research surveys, or responding to post-census questionnaires that evaluate decennial census coverage. Anyone 18 years of age or older who willingly neglects or refuses to answer the census may be fined up to \$100. Anyone who knowingly gives false answers is subject to a fine of \$500. These fines were not assessed, as the Census Bureau focused on encouraging voluntary public participation rather than emphasizing the available sanctions.

Title 13 also mandates the strict confidentiality of the information gathered. It states, "Neither the Secretary, nor any other officer or employee of the Department of Commerce or bureau or agency thereof may...

- use information furnished under the provisions of this title for any purpose other than the statistical purposes for which it is supplied
- make any publication whereby the data furnished by any particular establishment or individual under this title can be identified

or

 permit anyone other than the sworn officers and employees of the Department or bureau or agency thereof to examine the individual reports."

Every permanent and temporary employee of the Census Bureau takes an oath to protect the confidentiality of census information. Employees are subject to a fine of up to \$5,000 and/or 5 years imprisonment for wrongful disclosure.

Individual census records are by law (Title 44, United States Code) confidential for 72 years after collection. The National Archives and Records Administration then may open them to the general public for genealogical and other uses. Many people must rely on later records (i.e., 1920 on) of their ancestors' or their own census answers to prove age, residency, and/or identity. The Census Bureau is allowed to release information from these

only to the named persons, their authorized representatives, or legal beneficiaries upon proof of death.

LEGISLATION

Since 1950, the Census Bureau had regularly evaluated decennial census coverage and had published estimates of undercounts. During the 1970's, these estimates (and their implications that undercoverage had particularly affected minorities) received increased scrutiny in the context of (1) allocations of Federal funds to State and local jurisdictions, based on census figures, and (2) the growing importance of congressional and legislative redistricting plans that were to conform to Supreme Court rulings on accurate and equitable political representation.

Many public and private individuals and organizations, especially those representing Blacks, Hispanics, and other minorities, expressed concerns about the undercoverage that might be anticipated in the 1980 census. Aware of these concerns, the Census Bureau organized three public advisory committees in the mid-1970's so these groups might share directly in planning a 1980 census that would assure accurate and complete counts (see ch. 2). As these matters became more public, however, they absorbed the attention of journalists, academicians, elected officials, and professional associations. The problems and proposed remedies for undercounting and related issues therefore were also addressed through congressional oversight, as well as in many other forums.

Congressional Oversight Activities

During the 1980 census period, the Census Bureau came under the jurisdiction of the House Committee on Post Office and Civil Service's Subcommittee on Census and Population (formerly known as the Subcommittee on Census and Statistics). The Committee on Government Operations also exercised some oversight responsibilities. On the Senate side of the Capitol, the Committee on Post Office and Civil Service also had a Subcommittee on Census and Statistics (1975-1976), after which the Senate Committee on Governmental Affairs' Subcommittee on Energy, Nuclear Proliferation and Federal Services assumed these responsibilities. Appendix 10A is a list of the oversight subcommittee members from the 93rd to the 98th Congresses (1973-1984).

During the period 1973 to 1982, these committees were the main focus of congressional oversight. The General Accounting Office and the Congressional Research Service, both offices of the Congress, investigated and observed Census Bureau activities under congressional mandates (see below).

Normal oversight throughout the period included the House Subcommittee on Census and Population's review of Census Bureau budget requests, authorizations, and appropriations. The Senate subcommittee had the responsibility of reviewing the President's nominations of a Census Bureau director; these included Manuel Plotkin (1977 to 1979), Vincent Barabba (1979 to 1981), and Bruce Chapman (1982 to 1984).

Review of House and Senate Oversight Hearings-

In 1973 and 1974, the House subcommittee reviewed proposed amendments to Title 13 that would establish the redistricting data program and a mid-decade census. In 1975, further hearings on the redistricting program led to Public Law 94-171, which provided participating States with census data tailored to their legislative redistricting needs. (See ch. 8.) Other hearings focused on the confidentiality of data sources and the transfer of census records to the National Archives with their eventual release to the public after 72 years.

During 1976 and 1977, the House subcommittee conducted hearings on the possibility of providing neighborhood statistics for all political jurisdictions, regardless of size and boundaries and that might not follow visible natural or artificial features. The Bureau established such a program in 1982 (see ch. 8). The Oakland, CA, and Camden, NJ, test censuses held in 1977 had poor mail-return rates. The House subcommittee reviewed the Census Bureau's 1980 plans in the light of these test census problems. A two-stage census and the establishment of an independent census evaluation office were other topics.

In 1979, plans and estimated costs for the 1980 census were the subjects of several House subcommittee hearings around the country. Also, Census Bureau plans for reaching minorities, the inclusion of aliens in the census, and privacy issues were discussed. In 1980, House and Senate hearings were held partly in response to concerns about operational and budgetary problems. The subcommittees were concerned about the agency's ability to meet legal deadlines, and raised the issue of adjusting the census for the anticipated undercount as preliminary figures showed major population losses in some cities and States.

Mayors, U.S. Conference of Mayors officials, and others with major stakes in the census testified about census field operational problems that they claimed were producing inaccurate population and housing counts. The mayors' conference reported over half of its surveyed cities had problems with local census staff and felt early population-count estimates were too low due to operational errors. The accuracy of small-area and rural census data was also called into question.

After the official 1980 census results were released, additional hearings focused on the congressional apportionment formula that had been in use since the 1940 census, the size of congressional districts, whether the number of House seats should be increased, the implications of an undercount, and the effects of undocumented immigrants on the apportionment. Legislators also began focusing on ways to improve the next census.

Congressional oversight served two valuable purposes before and during the 1980 census. It provided a forum in which census plans and actions were examined, and in some instances modified; and it laid the groundwork for several changes in census law that were recommended by, or were acceptable to, the Bureau.

P.L. 94-171, State Redistricting Program (Dec. 23, 1975)

Title 13, Section 141, was amended to allow officials responsible for each State's legislative apportionment or redistricting programs to obtain special tabulations from the decennial census.

They could do this by providing the Census Bureau, no later than 3 years before Census Day (April 1), with plans identifying geographic areas (census blocks, tracts, etc.) that made up the then-existing voting precincts for which census population tabulations were desired. The agency then would furnish such data within 1 year after Census Day, i.e., by April 1, 1981 in the case of the 1980 census. The legislation passed the House in 1974, but not the Senate before the session ended. Similar legislation had been considered in the 1972 and 1973 sessions.

The Census Bureau focused on redistricting data as one of its major goals for the 1980 census, and began working in early 1972 to avoid possible problems in congressional and State legislative reapportionment such as noncontiguous enumeration-district (ED) portions, difficulties in relating ED's to political boundaries, or data releases just a few weeks before some States were required by their constitutions or State laws to redraw various intrastate legislative districts.

Previously submitted redistricting data bills carried time frames varying from 2 to 4 years, but 3 years was the finally settled period in which States would officially designate political geography.

P.L. 94-521, The Mid-Decade Census (Oct. 17, 1976)

This legislation provided for a mid-decade census and made other census-related changes to Title 13. Planning funds were appropriated in the early 1980's, but the program was eventually dropped and there was no enumeration in 1985. P.L. 94-521's provisions affecting the 1980 census were as follows (section references are to Title 13); they—

- Expanded the definition of a "respondent" to include any person on behalf of whom information was provided, as well as the direct respondent. (Sec. 1.)
- Changed the word "schedule," used in past censuses, to "questionnaire," to conform with modern practice. (Sec. 5.)
- Authorized obtaining census information from existing sources and organizations in lieu of direct inquiry. (Sec. 6c.)
- Required apportionment figures to be completed within 9 months of Census Day instead of 8. (Sec. 141b.)
- Prohibited the use of mid-decade census data for congressional reapportionment or State-level redistricting. (Sec. 141e(2).)

- Specified that proposed subjects for both the mid-decade and decennial censuses would have to be submitted to the congressional oversight committees 3 years before Census Day, and the actual questions 2 years before Census Day. Subsequent content or question changes would be submitted as necessary. (Sec. 141f.)
- Increased the penalty for wrongful disclosure from a maximum fine of \$1,000 and/or 2 years imprisonment to \$5,000 and 5 years, respectively. (Sec. 214.)
- Deleted the jail penalty for refusing or neglecting to answer census questions or for giving false responses. (Secs. 221a and 221b.)
- Prohibited mandatory disclosure of any person's religious beliefs or affiliation. (Sec. 221c.)

Some legislation, enacted in the 1970's and discussed below, directly or indirectly affected the 1980 census without changing Title 13.

P.L. 93-579, Privacy Act of 1974 (Dec. 31, 1974)

This legislation developed over a period of several years of bills and hearings before the House and Senate Government Operations Committees. Some of the interest in establishing the right of privacy by law stemmed from the abuses of personal information and personal records systems identified during the Watergate investigations (1973-1974). The Census Bureau and other statistical agencies took a direct interest in how this legislation differentiated between statistical records and administrative records, the latter being the main focus of the rights and benefits the law granted to persons. Because they were statistical in nature and not used to affect individual rights or obligations, individual records from the censuses were exempted from the Privacy Act's provisions for correcting or amending one's own records (Title 5, U.S. Code, Section 552a(k)(4)).

The Privacy Act's predecessor bills had a key provision prohibiting Government agencies from disclosing any personal information to another agency without the written consent of the individual to whom the record pertained. There were several exemptions to this prohibition. Census Bureau Director Vincent Barabba asked for and obtained a specific exemption permitting other Government agencies to disclose individual personal information to the Bureau of the Census "for purposes of planning or carrying out a census or survey or related activity pursuant to the provisions of Title 13." Without this, agencies would not have been able to provide the Bureau with identifiable information that could assist in the conduct or evaluation of the census itself. The exemption enabled the Census Bureau to continue its long-standing practice of using information from other agencies for statistical purposes.

P.L. 94-311, Americans of Spanish Origin—Social Statistics Act (June 16, 1976)

Through this law, Congress called for improved and expanded statistics for persons of Spanish origin. The Census Bureau already was engaged in such a program, and the act's impact was limited in terms of ongoing 1980 census plans and operations. The law did reinforce the continuing expansion of Hispanic and Spanish-origin tabulations, studies on the undercount of Hispanics, and the affirmative-action program for employing Hispanics in census offices.

P.L. 95-416, Archival Records Administration Act (Oct. 5, 1978)

This law revised selected confidentiality provisions and policies of the Federal statutes and General Services Administration (GSA) practices relating to the National Archives' acceptance of Federal records for historical preservation, especially with regard to permanent custody and public access. (GSA controlled the National Archives from 1949 to 1984.) The act reduced from 50 to 30 years the period during which agency disclosure and use restrictions on Federal records had to be maintained. The 1952 agreement between the Director of the Census Bureau and the Archivist of the United States to restrict access to individual population census records for 72 years was maintained and incorporated into the act, which amended Title 44 of the U.S. Code, but not Title 13. Title 44 governed the National Archives' operations. Prior to the 1978 law, the Census Bureau had sought a longer period of closure for census records, while the Archives wanted a shorter period, owing primarily to the increased interest in old census records for genealogical research. After the 1978 legislation was enacted, the Census Bureau provided notice of the 72-year restriction on all 1980 census questionnaires (see ch. 1). This notice appeared to have no adverse effect on the traditionally high levels of public cooperation in completing and returning census forms.

P.L. 95-431, Commerce Appropriation Act (Oct. 10, 1978)

Title III of the 1979 Commerce Department appropriation act allowed certain 1980 census employees engaged in early preparatory work to be paid on a piece-rate basis rather than in accordance with prevailing Federal minimum wage-and-overtime compensation requirements, regardless of the resulting hourly rate equivalent. Piece rates were considered essential to timely and cost-effective census operations.

P.L. 95-454, Civil Service Reform Act of 1978 (Oct. 13, 1978)

In 1974, Representative Les Aspin (D-WI) introduced H.R. 15032, designed to eliminate granting preferences in Census Bureau hiring to referrals from political organizations and officials.

About 40 percent of the agency's 1971 to 1973 hiring was through this system. The Bureau historically used the referral system, especially in rural and suburban areas, to inexpensively attract applicants with civic awareness. Each candidate still had to pass a qualifying examination given to all applicants. The restrictions would have applied to both the permanent restrictions would have applied to both the permanent staff of interviewers and the much larger but temporary decennial census work force. H.R. 15032 was not reported out of the full Committee on Post Office and Civil Service.

Senator Abraham Ribicoff (D-CT) and others initially sponsored the Civil Service Reform Act to overhaul the Federal Government's personnel system and to prohibit preferential treatment of individuals on the basis of political affiliation. However, the law allowed the President to exempt certain personnel actions from the prohibition if "necessary and warranted by conditions of good administration." He did this for the 1980 census, and many supervisory field positions were filled through referral recommendations. Most enumerators were recruited through a great variety of sources without political preference.

P.L. 96-52, Leasing Exemption (Aug. 13, 1979)

In mid-1979, Congress passed a bill providing a limited exemption from restrictions on the maximum amount the Census Bureau could pay for office space rental during the 1980 census. This act raised the authorized monthly maximum rent the agency could pay during the census from 15 percent of the annual fair-market rental value to 105 percent. This provision allowed leasing of short-term office space in some high-cost, low-vacancy office space markets.

P.L. 96-68, Commerce Appropriation Act (Sept. 24, 1979)

This act for FY 1980 reauthorized the hourly rate exemptions (found in the FY 1979 act) for certain enumerators working on the 1980 census.

Census Data and the Immigration and Naturalization Service (INS)

Representative Elizabeth Holtzman (D-NY), who chaired the Subcommittee on Immigration, Refugees, and International Law, and Representative Robert Garcia (D-NY), chairperson of the Subcommittee on Census and Population, introduced in 1979 a joint resolution adding a new section to the Immigration and Naturalization Act that would explicitly prohibit the INS from excluding or deporting aliens or members of their families based on information obtained or derived directly or indirectly from the Census Bureau.

The Census Bureau opposed the resolution. It feared undocumented aliens would not participate in the 1980 census because they might get the impression that the INS was already using census data and that legislation was required to stop such action. The full Judiciary Committee did not report the bill out.

Census Reform Proposals of 1977

On August 5, 1977, Subcommittee on Census and Population chairperson William Lehman (R-FL) introduced H.R. 8871, titled "The Census Reform Act." The bill contained many detailed amendments to Title 13 on the content and conduct of the 1980 census, the use of sampling techniques, the measurement of error in census and survey statistics, the nature and timing of all the Bureau's statistical activities and evaluation studies, and the appeals that State and local governments could exercise to obtain presumably more adequate data at Federal expense. The bill also created within the Census Bureau a unit, to be called the Division of Evaluation, that was not accountable to any office in the executive branch.

The Bureau's director testified that the bill would require dramatic changes in census content and procedures without sufficient time for testing and, despite claims that these provisions would improve coverage, there was no experience or evidence for anyone to assume the procedures the bill called for would work to that end.

The Census Reform Act required the basic enumeration for the complete count in the 1980 census to be completed in each geographic area before the sample work could start. (This was known as a two-stage census.) Another provision prohibited any changes in content or procedures any later than 4 months after the dress rehearsal. If there were any compelling circumstances that required last-minute changes, as had happened in previous censuses, this prohibition—without new legislation—would leave the Census Bureau unable to change procedures within 20 months before the census.

In the light of substantial opposition to the bill and subsequent modifications, the House Post Office and Civil Service Committee took no action on the subcommittee's proposals. The Census Bureau did, however, adopt one of them; the agency established a formal procedure whereby local governmental units could challenge population estimates.

Later in 1978, Congressman Lehman introduced H.R. 11253, titled the "Federal Statistical Control Act." This bill would have required the President to (1) continually compile and submit to Congress a catalog of all Federal statistical activities, (2) justify new ones with an impact statement, and (3) seek renewal every 5 years of significant statistical programs without specific termination dates. The bill was later modified and resubmitted as an amendment to Title 13, but was not reported out of the full committee.

Adjustment and Apportionment Legislation

In 1976, the Subcommittee on Census and Population considered a bill requiring an undercount survey to be taken after each census; Federal agencies using census data would have to take

the survey results into account when using census data in their assistance formulas. In 1977, the bill was recast as an amendment to Title 13 and Representative Charles Rangel (D-NY) introduced it as H.R. 2490, but it was not reported out of the full committee.

In 1980, Representative Joseph McDade (R-PA) attached an amendment (H.R. 7542) to an appropriation measure that would have excluded undocumented aliens from census counts used for apportionment purposes. The Justice Department testified that the amendment would be illegal. (See also the discussion of related litigation below.) Nevertheless, the House passed the bill in August 1980 and the Senate Appropriations Committee approved it, but it did not survive a joint conference on the entire measure.

1980 CENSUS LITIGATION

The 52 suits filed, beginning in 1979, against the Federal Government in connection with the 1980 census, are listed in appendix 10B. The cases tended to fall into four general categories, and these are discussed briefly below.

Deletion of Undocumented Aliens From the Census Count

Only one of the suits dealt with this issue, but it received significant attention in the media and in Congress when it was filed in 1979 by the Federation for American Immigration Reform (FAIR), together with the Committee for Representative Government and Members of Congress from five States. They alleged that including undocumented aliens in the census for the purpose of reapportioning the House of Representatives and drawing congressional and State legislative districts would unconstitutionally deprive lawful U.S. residents of proper representation. (The plaintiffs maintained that the Constitution (Article I, Section 2) used the word "persons" to be counted in the census to mean only lawful residents, citizens, and properly documented aliens.) Further, they alleged that Federal funds would be inequitably distributed. The plaintiffs sought relief by having apportionment based on legal residence only, either by having undocumented aliens excluded from the census or by having them identified in the census and subtracted from the apportionment count. As an alternative, their numbers could be estimated from Immigration and Naturalization Service data.

Addressing plaintiffs' allegations of malapportionment of the U.S. House of Representatives, the U.S. District Court ruled that the plaintiffs lacked standing to raise the issue; they needed to show that they had personally suffered concrete injury and that the court could fashion a remedy to redress it. The court found that the injury to the plaintiffs of counting undocumented aliens was speculative, as apportionment was affected by many factors other than the presence of such aliens. Further, the court concluded that there was no remedy for the alleged injury, based on the Census Bureau's argument that it could not determine accurately the number of undocumented aliens or their location. Although not the basis for its decision, the court observed that

the Constitution's framers appeared to intend that the census be all-inclusive, with the exception of those expressly excluded (Indians not taxed and two-fifths of all slaves) when Article I, Section 2 was written.

With regard to the allegations that congressional and State legislative districts could not be properly drawn, the court held that the States were free to use data other than those from the census; consequently, plaintiffs should direct this issue to the State legislatures. Finally, the court held that Congress could distribute funds on any rational basis. The Supreme Court refused to review the district court's ruling.

Discovery of Confidential Data

Questioning the completeness of the census, Essex County, NJ, filed suit requesting access to the census master address registers (MAR's) under the Freedom of Information Act (FOIA). The city of Denver, CO also filed suit, as it doubted the vacancy rate reported in the census and wanted access to these registers, but cited the Federal Rules of Civil Procedure. The MAR's contained not only the address lists prepared and updated for the census, but also the occupancy status of each address and, in some instances, the names of the occupants. The Census Bureau argued that the MAR's were confidential and protected from disclosure under Sections 8 and 9 of Title 13.

In the Essex County case, the district court ordered the Census Bureau to turn over the MAR's, and was sustained on appeal. Another district court required that lists of vacant housing units be supplied to the city of Denver, but the appellate court reversed that order. Both cases were appealed to the Supreme Court, which held that MAR's were protected from disclosure under the FOIA, as that act exempted material specifically held confidential by statute (in the case of the census, Title 13). The Supreme Court also ruled that MAR's were protected as well under the discovery provisions of the Federal Rules of Civil Procedure, on the grounds that Congress intended Sections 8 and 9 of Title 13 to create a privilege; MAR's therefore were not discoverable. The Court noted that even if the names had been deleted before turning over the registers, "Congress plainly contemplated that raw data reported by or on behalf of individuals [were] to be held confidential and not available for disclosure." That the governmental units seeking the census data would use them only for statistical purposes was irrelevant; census legislation required that such data be handled only by "census employees sworn to secrecy."

Census Procedures and Adjustment

By far the bulk of the cases—48 in all—dealt with the two issues of census procedures and adjustment: 16 dealt with adjustment only, 10 had to do with procedures only, 20 with those and adjustment, 1 was a challenge to city boundaries used in the census, and 1 with the availability of the count.

The suits in the first categories focused on perceived inadequacies in the procedures for taking the census, e.g., the local review process or in the way that was administered (alleged insufficiency of time for local officials to participate in that review), as well as the census procedures that allegedly were designed or implemented in such a way that not everyone was counted. In the cases that called for adjustment of the census results, the plaintiffs alleged that due to the acknowledged undercounting of minority populations, those areas that had heavy concentrations of such persons were disproportionately undercounted. Thus, the plaintiffs argued, the counts should be adjusted for the number of minority persons missed in the census.

Twenty-six of the lawsuits were dismissed in their entirety, virtually all of them voluntarily; the court dismissed one case (Detroit, MI) on procedural grounds, i.e., that plaintiffs lacked standing to sue. The complaint filed by the city of Philadelphia, PA, was dismissed in part (the part alleging mismanagement). Except for the New York City and State suit, those remaining were consolidated in multidistrict litigation in the U.S. District Court in Baltimore, MD. As of early 1988, these suits had not been resolved.

In the New York suit, the plaintiffs alleged both failure to properly implement census procedures (mismanagement) and a disproportionate undercount that required adjustment. When, citing confidentiality, the Census Bureau refused to supply address registers the plaintiffs claimed were needed to prove their charges, the court issued a preclusion order that prevented the Bureau from presenting much of its defense to the mismanagement changes. The district court then held for the plaintiffs and directed the Census Bureau to adjust the New York count. This order was reversed on appeal and remanded for a second trial on the grounds that the district court's preclusion order was too broad. That trial, which began in 1984, was limited to the adjustment issue only and was decided in 1987. The court held that the standard for its review of the Bureau's decision on adjustment was the "arbitrary and capricious" standard. The court concluded that "plaintiff has failed to prove that the Bureau's decision not to adjust was unreasonable or arbitrary and capricious."

There were two cases of lesser significance, in which private citizens filed suit on census-related issues. One, who had been involved in similar litigation at the time of the 1970 decennial census, challenged the apportionment of the House based on the 1980 count, alleging that the apportionment failed to comply with the requirements of the 14th amendment. The district court ruled in the Bureau's favor and the appeals court upheld that decision. In the second case, the plaintiff charged that both the Internal Revenue Service and the Census Bureau had invaded his constitutional rights and failed to comply with the Privacy Act; the court ruled in the Government's favor.

Imputation

The State of Indiana, in *Orr v. Baldrige*, alleged that the use of "hot deck" imputation—the addition of data on persons and housing units not enumerated in the census by duplicating the

characteristics of persons and units from nearby, reported households—violated Section 195 of Title 13, was "arbitrary and capricious," and an abuse of discretion. The plaintiff alleged that had the Census Bureau not used imputation, Indiana would not have lost a seat in the House of Representatives to Florida. The court ruled in favor of the Government, holding that the cited section of Title 13, which prohibited the use of sampling for apportionment purposes, did not prohibit imputation. Having determined that imputation was not prohibited by law, the court

addressed the plaintiff's claim that the use of imputation was arbitrary and capricious. The court concluded that this issue was not subject to judicial review since the statute in question, Title 13, U.S. Code, provided "no meaningful standard against which to judge the agency's exercise of discretion." The court went on to hold, in the alternative, that even if the Census Bureau's use of imputation were subject to judicial review, this action by the agency was not arbitrary or capricious.

Appendix 10A. The Census Bureau's Congressional Oversight Committees, 1973-1984

(Asterisk (*) indicates chairperson)

	House Committee on Post Office and Civil Service	Senate Committee on Post Office and Civil Service
	*Thaddeus J. Dulski (D-NY)	*Gail W. McGee (D-WY)
	Subcommittee on Census and Statistics	
93rd Congress 1973-1974	*Richard C. White (D-CA) James M. Hanley (D-NY) Morris K. Udall (D-AZ) William Lehman (D-FL) Charles H. Wilson (D-CA) John H. Rousselot (R-CA)	[No subcommittee]
	Andrew J. Hinshaw (R-CA) L.A. (Skip) Bafalis (R-FL)	
	*David N. Henderson (D-NC)	*Gail W. McGee (D-WY)
	Subcommittee on Census and Population	Subcommittee on Census and Statistics
94th Congress 1975-1976	*Patricia Schroeder (D-CO) William Lehman (D-FL) Stephen L. Neal (D-NC) Gladys N. Spellman (D-MD) William M. Brodhead (D-MI) Paul Simon (D-IL)	*Frank E. Moss (D-UT) Patrick J. Leahy (D-VT) Ernest F. Hollings (D-SC) Jennings Randolph (D-WV) Ted Stevens (R-AK) Henry Bellmon (R-OK)
		Senate Committee on Governmental Affairs
	*Richard N.C. Nix (D-PA)	*Abraham Ribicoff (D-CT)
	Subcommittee on Census and Population	Subcommittee on Energy, Nuclear Proliferation and Federal Services
95th Congress 1977-1978	*William Lehman (D-FL) Robert Garcia (D-NY) Patricia Schroeder (D-CO) Stephen J. Solarz (D-NY) John H. Rousselot (R-CA) Jim Leach (R-IA)	*John Glenn (D-OH) Thomas F. Eagleton (D-MO) Edmund S. Muskie (D-ME) Henry M. Jackson (D-WA) Jacob Javits (R-NY) Ted Stevens (R-AK) Charles McC. Mathias (R-MD)

Appendix 10A. The Census Bureau's Congressional Oversight Committees, 1973-1984

(Asterisk (*) indicates chairperson)

	House Committee on Post Office and Civil Service	Senate Committee on Post Office and Civil Service
	House Committee on Post Office and Civil Service	Senate Committee on Post Office and Civil Service
	*James M. Hanley (D-NY)	*Abraham Ribicoff (D-CT)
	Subcommittee on Census and	Subcommittee on Energy, Nuclear
	Population	Proliferation and Federal Services
96th Congress	*Robert Garcia (D-NY)	*John Glenn (D-OH)
1979-1980	G.T. (Mickey) Leland (D-TX)	Thomas F. Eagleton (D-MO)
	Geraldine A. Ferraro (D-NY)	Henry M. Jackson (D-WA)
	Gus Yatron (D-PA)	Carl Levin (D-MI)
	Mary Rose Oakar (D-OH)	William V. Roth, Jr. (R-DE)
	James A. Courter (R-NJ)	Ted Stevens (R-AK)
	Charles Pashayan, Jr. (R-CA)	David Durenberger (R-MN)
	Daniel B. Crane (R-IL)	
	*William D. Ford (D-MI)	*William V. Roth, Jr. (R-DE)
	Subcommittee on Census and	Subcommittee on Energy, Nuclear Proliferation and Federal Services
	Population	Profileration and rederal Services
97th Congress	*Robert Garcia (D-NY)	*Charles H. Percy (R-IL)
1981-1982	Gus Yatron (D-PA)	William S. Cohen (R-ME)
	G.T. (Mickey) Leland (D-TX)	Mack Mattingly (R-GA)
	Mary Rose Oakar (D-OH)	John Glenn (D-OH)
	James A. Courter (R-NJ)	Henry M. Jackson (D-WA)
	Daniel B. Crane (R-IL)	Carl Levin (D-MI)
	Wayne Grisham (R-CA)	
	*William D. Ford (D-MI)	*William V. Roth, Jr. (R-DE)
	Subcommittee on Census and	Subcommittee on Energy, Nuclear
	Population	Proliferation and Federal Services
98th Congress	*Robert Garcia (D-NY)	*Charles H. Percy (R-IL)
1983-1984	G.T. (Mickey) Leland (D-TX)	William S. Cohen (R-ME)
	Mary Rose Oakar (D-OH)	David Durenberger (R-MI)
	Charles E Schumer (D-NY)	Daniel J. Evans (R-WA)
	James A. Courter (R-NJ)	John Glenn (D-OH)

William E. Dannemeyer (R-CA)

[Note: Sen. Evans served on the subcommittee until February 1984; Sen. Nunn replaced him as a member.]

Carl Levin (D-MI) Sam Nunn (D-GA)

Appendix 10B. 1980 Census of Population and Housing, Summary of Litigation

(MDL = Multi-district litigation)

Plaintiff (case title and date filed)	Issue(s)	Resolution
Anchorage, AK (Sullivan v. Klutznick, 12/29/80)	Adjustment	Case dismissed
Atlanta, GA (City of Atlanta v. Klutznick, 9/26/80)	Adjustment	Referred for MDL
Baltimore, MD (City of Baltimore v. Klutznick, 8/19/80)	Local review counts	Case dismissed
Beaumont, TX (Meyers v. Baldrige, 2/5/81)	Adjust ment	Case dismissed
Carrboro, NC (Drakeford v. Klutznick, 11/24/80)	Census procedures, adjustment	Case dismissed
Chester, PA (City of Chester v. Klutznick, 8/21/80)	Census procedures, adjustment	Referred for MDL
Cincinnati, OH (City of Cincinnati v. Klutznick, 9/5/80)	Local review counts	Case dismissed
College Park, GA (City of College Park v. Klutznick, 12/31/80)	Adjust ment	Referred for MDL
Cook County, IL (Carey v. Klutznick, 8/27/80)	Adjustment	Case dismissed
Denver, CO (McNichols v. Klutznick, 9/3/80)	Accuracy of vacancy rate (district court ordered release of lists of vacant units; appeals court reversed district court order)	Supreme Court ruled address lists are confidential
Detroit, MI (Young v. Klutznick, 4/1/80)	Adjustment (ordered by district court, reversed by appeals court)	Supreme Court refused to review case
Dona Ana County, NM (County of Dona Ana v. U.S. Dept. of Commerce, 8/20/80)	Accuracy of vacancy rate, census procedures, adjustment	Case dismissed
Duluth, MN (City of Duluth v. Klutznick, 9/17/80)	Adjust ment	Case dismissed
East Point, GA (East Point v. Klutznick, 12/24/80)	Adjust ment	Referred for MDL
Essex County, NJ (Shapiro v. Klutznick, 8/1/80)	FOIA request for address lists (district and appeals courts ordered lists turned over)	Supreme Court ruled address lists are confidential
Fairbanks, AK (Carlson v. Baldrige, 7/6/81)	Census procedures	Case dismissed

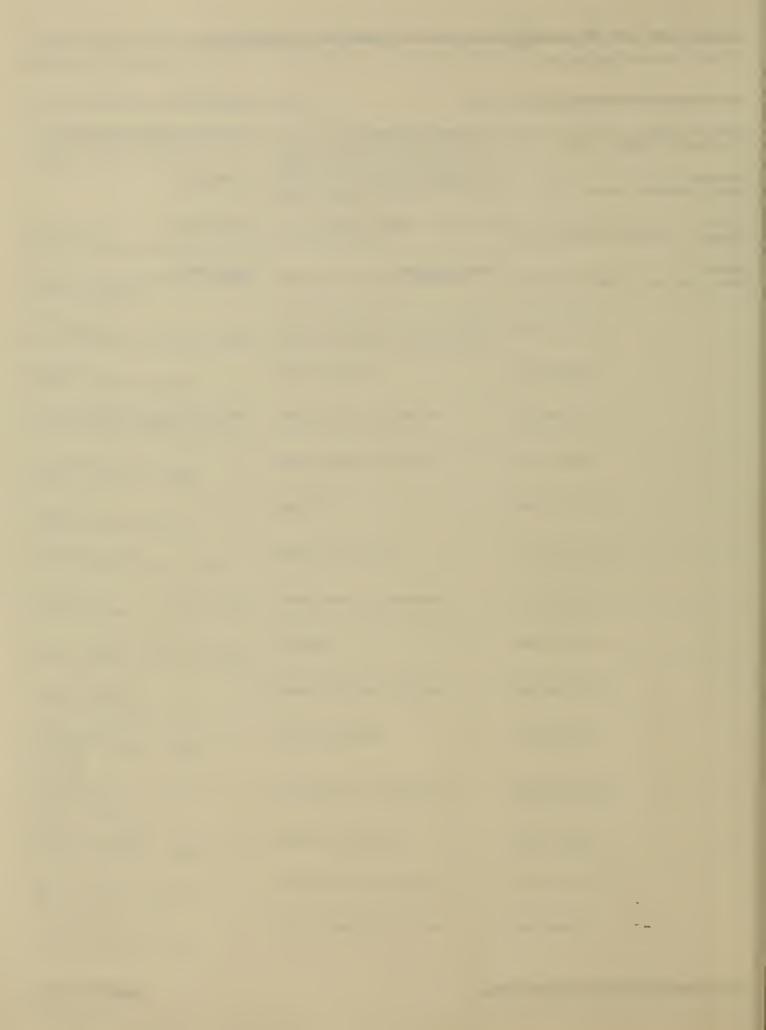
Appendix 10B. 1980 Census of Population and Housing, Summary of Litigation

Plaintiff (case title and date filed)	Issue(s)	Resolution
Federation for American Immigration Reform (FAIR v. Klutznick, 12/5/79)	Inclusion of undocumented aliens in census (district court ruled in Bureau's favor; appellate court upheld district court decision)	Supreme Court refused to review case
Gary, IN (Hatcher v. Klutznick, 12/31/80)	Adjustment	Referred for MDL
Glen Carbon, IL (Munzert v. Klutznick, 12/30/80)	Census procedures, adjustment	Referred for MDL
Hobbs, NM (City of Hobbs v. Klutznick, 10/1/80)	Census procedures (concluded that address registers are confidential)	Case dismissed
Hudson County, NJ (Clark v. Klutznick, 12/31/80)	Census procedures, adjustment	Referred for MDL
Indiana (Orr and State of Indiana v. Baldrige, 6/5/81)	Tabulation procedures	Case decided in Bureau's favor
Jefferson County, MO (Krodinger v. Klutznick, 12/31/80)	Census procedures, adjustment	Referred for MDL
Juneau, AK (Overstreet v. Baldrige, 4/3/81)	Census procedures, adjustment	Case dismissed
Louisiana and New Orleans, LA (State of Louisiana and City of New Orleans v. Klutznick, 1/6/81)	Census procedures adjustment	Referred for MDL
Massachusetts (Commonwealth of Massachusetts v. Klutznick, 10/30/80)	Census procedures, adjustment	Referred for MDL
Mayaguez, PR (Cole v. Baldrige, 3/31/81)	Adjustment	Referred for MDL
Miami, FL (Ferre v. Klutznick, 10/30/80)	Adjustment	Referred for MDL
Newark, NJ (Gibson v. Klutznick, 10/22/80)	Adjustment	Referred for MDL
New Jersey Reapportionment Commission (Apportionment Commission of the State of New Jersey v. Levine, 2/13/81)	Request counts prior to April 1, 1981	Counts became available Feb. 25, 1981
New Mexico (State of New Mexico v. Klutznick, 9/4/80)	Census procedures (district court denied plaintiff's motions), adjustment	District court ruled in favor of the Census Bureau
New Orleans (see "Louisiana")		

Plaintiff (case title and date filed)	Issue(s)	Resolution
New York City and State (Carey v. Klutznick, 8/8/80; later Cuomo v. Baldrige)	Census procedures and adjustment (district court decided in plaintiff's favor; appeals court remanded case; district court order to turn over address registers reversed on appeal; Supreme Court refused to review case)	District court ruled in favor of the Census Bureau
Owensboro, KY (City of Owensboro v. Klutznick, 12/17/80)	Official city boundaries	Case dismissed
Parsippany-Troy Hills Township, NJ (Fahy v. Klutznick, 3/2/81)	Census count challenge, adjustment	Referred for MDL
Philadelphia, PA (City of Philadelphia v. Klutznick, 8/12/80)	Census procedures (appeals court upheld district court decision in Bureau's favor)	Referred for MDL
Pontiac, MI (Holland v. Klutznick, 8/27/80)	Census procedures	Case dismissed
Red Lake Band of Chippewa Indians, MN (Red Lake Band v. Klutznick, 11/28/80)	Census procedures, adjustment	Referred for MDL
St. Louis, MO (Conway v. Klutznick, 12/3/80)	Census procedures, adjustment	Case dismissed
San Juan, PR (Padella v. Klutznick, 1/8/81)	Adjustment	Referred for MDL
Scioto County, OH (Scioto County v. Klutznick, 1/16/81)	Census count challenge	Referred for MDL
Secaucus, NJ (Town of Secaucus v. Klutznick, 5/27/81)	Census procedures, adjustment	Referred for MDL
Spanish Coalition for Jobs (Spanish Coalition v. Klutznick, 6/12/80)	Adjust ment	Referred for MDL
Stone County, MO (Connell v. Baldrige, 3/30/81)	Census procedures, adjustment	Referred for MDL
Terre Haute, IN (City of Terre Haute v. Klutznick, 12/11/80)	Census procedures	Case dismissed
Union City, NJ (Musto v. Baldrige, 5/6/81)	Census procedures, adjustment	Referred for MDL
Wayne Township, NJ (Jasinski v. Klutznick, 12/22/80)	Census count challenge	Case dismissed
West New York, NJ (DeFino v. Klutznick, 12/3/80)	Census procedures, adjustment	Referred for MDL
Westchester County, NY (DelBello v. Klutznick, 12/1/80)	Census procedures, adjustment	Case dismissed

Appendix 10B. 1980 Census of Population and Housing, Summary of Litigation

Plaintiff (case title and date filed)	Issue(s)	Resolution
Willacoochee, GA (Willacoochee v. Baldrige, 2/2/81)	Census count challenge	Remanded to district court and dismissed
Wilmington, DE (City of Wilmington v. Klutznick, 1/6/81)	Adjustment	Case dismissed
Ypsilanti, MI (Goodman v. Klutznick, 1/20/81	Census count challenge, adjustment	Case dismissed
Zebulon, NC (Lewis v. Klutznick, 12/16/80)	Census procedures	Case dismissed



Contents

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Chapter 11. Puerto Rico and the Outlying Areas

INTRODUCTION

Legal Authority

Title 13 of the U.S. Code states that the censuses of population shall include "each State, the District of Columbia, the Virgin Islands, Guam, the Commonwealth of the Northern Mariana Islands, and the Commonwealth of Puerto Rico, and as may be determined by the Secretary [of Commerce], such other possessions and areas over which the United States exercises jurisdiction, control, or sovereignty ... [inclusion of which] shall be subject to the concurrence of the Secretary of State." Accordingly, discussions were held in August and September 1978 with representatives of the Department of State, in which the two Departments agreed to include the following areas in addition to those listed above: American Samoa, the Trust Territory of the Pacific Islands (excluding the Northern Mariana Islands), and a number of islands, atolls, and reefs administered by the U.S. Department of Defense. These latter included Johnston Atoll, Midway, Wake, Canton, and Enderbury Islands, together with several smaller, uninhabited islands associated with them.1

Historical Background

Puerto Rico—The island of Puerto Rico was ceded to the United States by Spain in 1898 and became a commonwealth in 1952. Under Spanish rule, censuses had been taken at irregular intervals between 1765 and 1887. A special census of Puerto Rico was taken by the U.S. War Department in 1899, and Puerto Rico has been included in every U.S. decennial census since 1910 and in each housing census since 1940. The 1980 Census of Population and Housing of the Commonwealth of Puerto Rico was conducted as a joint project of the U.S. Bureau of the Census and the Puerto Rico Planning Board.

American Samoa — Following the acquisition of American Samoa by the United States in 1900, censuses were taken at various times under the direction of the Governors. The population of

¹Johnston Atoll consists of Johnston Island and Sand Island. For a complete lising of the areas included in the 1980 decennial census, see 1980 Census of Population, Number of Inhabitants (PC80-1-A), United States Summary, p. 1-33.

American Samoa was enumerated in the 1920 and all subsequent U.S. decennial censuses. American Samoa has participated in the housing census since 1960.

Guam—The first enumeration of the population of Guam, after its occupation by the U.S. Government in 1899, was made in 1901 under the direction of the second naval governor. Population statistics were included in the governor's annual reports in subsequent years. Guam was included in the U.S. decennial census of population for the first time in 1920 and has participated in the decennial housing census since 1960.

Trust Territory of the Pacific Islands—This territory has been administered by the United States since 1947 as a United Nations strategic trust territory. The 1970 census was the first decennial census of population and housing conducted under Census Bureau auspices. Results from a census conducted in 1958 by the High Commissioner of the Trust Territory were included in the 1960 census reports. The 1950 census was taken by the U.S. Navy, and the area was enumerated by the Japanese in quinquennial censuses from 1920 to 1940. In anticipation of a change in the legal status of the Northern Mariana Islands and in accordance with the wishes of the administration of these islands, the Northern Marianas were enumerated, and data were tabulated, separately from the rest of the Trust Territory for the 1980 census.

Virgin Islands—The Danish Government took periodic censuses of these islands between 1835 and 1911. A special Federal census was taken as of November 1, 1917, shortly after the islands were formally transferred to the United States. The islands were included in the 1930 and all subsequent decennial censuses of population and in all housing censuses since 1940.

Other Areas—In 1980, the Department of Defense provided the Bureau with population counts for Johnston Atoll and for Midway and Wake Islands. This marked a shift from the Bureau's previous procedure of enumerating the populations of these islands separately. Midway Island was enumerated for the first time in 1930, when its population was included with that of Hawaii. In 1940, the Hawaiian census included Johnston Atoll and Midway, Canton, Enderbury, Baker, Howland, and Jarvis Islands; the latter three islands were uninhabited in 1950, 1960, 1970, and 1980. Canton and Enderbury Islands were uninhabited in 1970 and 1980, but the former was populated in

1960 and both were inhabited in 1950. Neither the Swan Islands nor the Canal Zone were enumerated in 1980. Sovereignty over the Swan Islands passed to Honduras in September 1972 under the terms of a treaty signed in November 1971. On October 1, 1979, the United States transferred sovereignty over the Canal Zone to Panama in accordance with the terms of a treaty signed in September 1977 and ratified the following April. Fletcher's Island, a drifting slab of shelf ice in the Beaufort Sea off the northern coast of Alaska, once used by the U.S. Navy, was enumerated in 1970, but not in 1980.

PUERTO RICO

Special Agreement with the Commonwealth Government

In October 1958, the Bureau of the Census and the Commonwealth Government concluded a special agreement concerning the conduct of censuses in Puerto Rico. The basic purposes of the agreement were to assure the efficient operation of the census program, to provide the Commonwealth with a large share of the responsibility for planning and conducting the various censuses, and to assure full consideration for the unique statistical needs of the Commonwealth Government. Each census thereafter has been conducted according to subsequent amendments to the basic 1958 agreement. Since then, Governors of Puerto Rico have regularly appointed the Puerto Rico Planning Board to serve as the coordinating agency for the Commonwealth's census operations.

In February 1980, the agreement for the 1980 Census of Population and Housing was signed by the Director of the Bureau of the Census; the following month, the chair of the Puerto Rico Planning Board added his signature. Some of the major provisions of this agreement were as follows:

- The cost of the basic 1980 Census of Population and Housing in Puerto Rico would be borne by the Census Bureau.
- 2. A substantial number of population and housing items would be covered on a 1-in-6 sample basis.
- The Bureau would establish a temporary area office in Puerto Rico from which the census would be conducted. Managers of this office and of the eight district offices would be temporary Census Bureau employees.
- 4. The Bureau would be responsible for the hiring and training of personnel; the establishment of pay rates; the preparation and distribution of maps, supplies, and equipment; questionnaire content and design; and the tabulation and publication programs.

- 5. The Bureau would consult with the Puerto Rico Planning Board, other Commonwealth agencies, and a number of advisory groups on such issues as questionnaire content, the categories to be used in tabulating the data, and the publications program.
- The Commonwealth Government would assist the Bureau
 in publicizing the census, collecting maps and boundary
 information, designating appropriate statistical areas, identifying candidates for field positions, and translating.

Organization of the Work

The various phases of the population and housing census program were developed by Bureau staff members in consultation with representatives of the Puerto Rico Planning Board and other Commonwealth agencies. The Decennial Census Division was responsible for coordinating support and administrative activities at Census Bureau headquarters in Suitland, MD. To direct the onsite census program, the Census Bureau named an area office manager for Puerto Rico. The Administrative Services, Population, Housing, Statistical Methods, and Publication Services Divisions provided advice and technical assistance as needed on the development of questionnaire format and content, sampling procedures, tabulation plans, and publications.

The Field Division was responsible for the selection and training of the field staff and for collecting the data. The Geography Division was responsible for obtaining boundary and other geographic information and for preparing all census maps. For the largest urban areas, the Geography Division prepared base maps in its Metropolitan Map Series, which were sent to the Puerto Rico Planning Board for update and correction. The revised maps were returned to the Bureau, which added block numbers and enumeration district (ED) boundaries and numbers; ED's were based on locally defined ED plans. Using U.S. Geological Survey topographic quadrangle maps and place maps provided by the Puerto Rico Planning Board as a base, the Census Bureau prepared ED maps for the remaining areas of Puerto Rico, again based on local ED plans. The Geography Division designed, and the Decennial Preparation Division's Geography Branch prepared, the maps used in the Bureau's published reports.

The completed questionnaires were coded, microfilmed, and read by FOSDIC (film optical sensing device for input to computer) at the Bureau's facility in Laguna Niguel, CA, and computer processing was done at Bureau headquarters. (See ch. 6.)

Census Calendar

In July 1978, Bureau representatives met with officials of the Commonwealth Government agencies to discuss plans for the census. Subsequently, a general plan was outlined, and the principal events in the census operation were scheduled and carried out in the following order:

1975

· Review and update of early plans for census tracts

1978

- Development of questionnaire content for the 1980 census with Puerto Rican officials
- Review and update of base maps and local delineation of ED's and places

1979

- Test census in Puerto Rico
- Drafting of final census questionnaires, and transmittal to the Government Printing Office for production
- Preparation of instructions and training materials for the field and office staff
- Census Bureau review and recording of the boundaries of barrios (minor civil divisions—MCD's), subbarrios, places, and ED's; and numbering of blocks
- Preparation of enumeration maps

1980

- Agreement signed between the Bureau of the Census and the Commonwealth of Puerto Rico regarding the conduct of the census
- Shipment of questionnaires, maps, instructions, and training materials to the census office in San Juan, PR
- Organization and training of the field staff
- Enumeration
- Preliminary editing of census questionnaires
- Release of preliminary population counts
- Local officials' review of preliminary counts
- Shipment of all census materials to Laguna Niguel, CA

1981

- Completion of specifications for coding, editing, and tabulation
- Tabulation of 100-percent data
- Coding of sample data
- Tabulation of sample data begun
- Preparation of tables for publication
- Publication and distribution of first reports, containing 100percent data

1982-1986

Completion of tabulation, publication, and summary tape file program

Changes from Previous Census Procedures

The major innovations for the 1980 census in Puerto Rico were geared toward improving data quality and census coverage. To improve data quality, the Census Bureau introduced a formal quality-control edit procedure. A sample of completed questionnaires was selected from each ED. Several items on each questionnaire were edited for completeness and accuracy. Those that failed the edit were sent to the field, where questionable entries and missing information were resolved during the followup enumeration. Two coverage-improvement procedures were also implemented in Puerto Rico in 1980: The vacancy check (or unit-status review) involved sending questionnaires for all units initially classified as vacant by the enumerators back to the field for verification during the followup enumeration. In the post-enumeration post office check (PEPOC), enumerators filled out a card for each address at which they collected a questionnaire. Postal carriers then matched the cards they received from the Census Bureau to the addresses on their postal routes. The Postal Service identified addresses missing from the enumerators' cards and nonexistent addresses for which questionnaires had been produced. The PEPOC enabled the Census Bureau to remove erroneous addresses from its records and, upon verification by the census office, to add nonmatched addresses to the address registers. The latter were enumerated during the followup procedure.

The first evaluation studies of the Puerto Rico census were conducted in 1980. The Puerto Rico Labor Force Match Study evaluated 1980 census coverage differences in Puerto Rico by age, sex, and selected geographic areas. The study matched the April 1980 Puerto Rico Labor Force Survey to the 1980 census records. The study found that the match rates for males and females were not significantly different, but that the rate for persons under 30 years of age was significantly lower than that for people 30 years of age and older. Another evaluation study examined place-of-work coding for the 1980 census. The file-closeout evaluation of the San Juan GBF/DIME file2 checked the automated geocoding potential of the file by estimating the accuracy of the block, census tract, place, and ZIP Codes in the file. Geocoding error rates for San Juan were estimated to be at least four times greater than those for the United States, primarily because the unique address system used in Puerto Rico posed significant problems for automated geocoding. As

²San Juan was the only area in Puerto Rico for which the Census Bureau attempted to prepare such a file. GBF/DIME stands for geographic base file/dual independent map encoding; see ch. 3.

a result, the Census Bureau decided to code place-of-work information clerically at the place, MCD (barrio, aldea, ciudad), and municipio levels, for all the Puerto Rico SMSA's.

Two other changes should also be noted. In 1970, the population and housing census had been taken simultaneously with the census of agriculture. In 1980, the census of population and housing was not combined with other census activities (agricultural censuses were taken in 1978 and 1983). Second, the 1980 Census of Population and Housing included provisions for local review by local elected officials. Local review committees were given an opportunity to contest population and housing counts at the ED level. Under certain circumstances, differences between the committees and the Bureau were resolved by selective reenumeration.

The 1979 Test Census

A test census was conducted in July and August 1979 to evaluate the procedures planned for the actual census to be taken in 1980. The specific objectives of the test census were to examine certain coverage-improvement techniques and a limited number of content items.

The area covered included portions of the built-up and rural sections of the Mayagüez and San Juan municipios. One census office was opened in each municipio, and 118 ED's were delineated. Urban ED's contained approximately 63 percent of the 17,282 housing units counted, and rural ED's contained about 37 percent.

The results indicated that implementation of the quality-control procedures tested would improve data quality. Tests of coverage-improvement techniques such as PEPOC and the vacancy check showed that such techniques could be used successfully in Puerto Rico. The test also served as an aid in establishing the piece-rate payment system for enumerators used during the actual census.

A number of modifications were made to the 1980 questionnaire as a result of this test census, most of which clarified or simplified the wording of questions or the format of the questionnaire. In some cases, response categories were subdivided; for example, the answers to the question on the person's ability to speak English were altered from a yes/no dichotomy to a tripartite distinction with two affirmative responses ("Yes, easily" and "Yes, with difficulty") and one negative response. A test census question asking the number of times the person had been married was not included in the 1980 census.

Questionnaires

Two FOSDIC-readable household questionnaires were developed, based on the 1980 U.S. questionnaires with modifications for Puerto Rico. These questionnaires were printed in

both English and Spanish. One, containing the population and housing items asked for all persons and housing units, was used for approximately 83 percent of the households. This questionnaire was issued in two forms: One, form D-13-PR. included instructions and examples so that householders who received the questionnaire in advance of the census could complete it before the enumerator called. This form was distributed by the post office in urban areas. The other, form D-1-PR, which did not have an instruction sheet, was carried by enumerators who collected all of the data by direct interview in the remaining areas. One sample questionnaire, form D-2-PR. contained the complete-count items as well as a number of sample items; this form was used by the enumerator at every sixth housing unit. (A 1-in-6 sample was also used for most of the United States. However, governmental jurisdictions with fewer than 2,500 inhabitants were sampled on a 1-in-2 basis.)

In areas without carrier delivery service, questionnaires were available where people picked up their mail. Householders were asked to fill out the questionnaire and give it to the enumerator when he or she visited the household.

The Individual Census Report (ICR), form D-20-PR, was printed in English and Spanish. It contained the same complete-count and sample population items as the household question-naire. As on the mainland, the ICR was used to enumerate guests and visitors in hotels, motels, and private homes with no one at their usual residences to give information to a census taker. In Puerto Rico, the ICR was also used for residents of institutions and other group quarters where housing information was not collected. Military Census Reports (MCR's), form D-21-PR, were used to enumerate military personnel living on military bases or vessels. The data for these residents later were transcribed to FOSDIC-readable household questionnaires; the data from every sixth ICR were transcribed to a sample form D-2-PR, while a short form D-1-PR was used for the balance.

The D-1-PR, D-2-PR, D-13-PR, and D-20-PR forms for Puerto Rico resembled those used on the mainland in size, format, and number of inquiries. About three-fourths of the population and housing questions were the same for Puerto Rico and the United States. Eight of the U.S. population questions and four of the housing questions were modified to obtain information useful to the Commonwealth Government. Five of the population items and five of the housing inquiries were unique to the Puerto Rico questionnaires, and roughly the same number of stateside items were excluded. The principal variations were as follows:

Population—Among the complete-count questions, the marital-status inquiry in Puerto Rico included the category "consensually married." The category was added in 1960 because of the frequency with which this status had been reported in previous censuses. The question on race or color, asked in the United States, was omitted (as it had been in 1960 and 1970) in accordance with recommendations of Commonwealth officials. The Spanish-origin question, which appeared on the U.S.

complete-count questionnaire for the first time in 1980, was not asked in Puerto Rico in 1980 because most of the island's residents are Hispanic. Several sample population items were included on the questionnaire that did not appear in the stateside census. These were as follows, by item number (the items are shown in Spanish and English respectively as they appeared on the appropriate version of the questionnaire):

10a. ¿Dónde nació el p	padre de?
O Puerto Rico	O Estados Unidos —
O Otro país — Especifique →	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
	(Estado de E.U. o país extranjero)
b. ¿Dónde nació la s	madre de?
O Puerto Rico	O Estados Unidos —
O Otro país — Especifique →	. /
	(Estado de E.U. o país extranjero)

10s.	Where was's father	born?
	O Puerto Rico 📕 O	United States
	Other country — Specify —	
		(U.S. State or foreign country)
b.	Where was's mother	r born?
	O Puerto Rico O	United States
	Other country — Specify —	
		(U.S. State or foreign country)

	Sí				Pase a la			
b. ¿Er	offe dup a	ino o re	gresó a	P.F	2la	últin	na v	ez?
0	1980	0	1977		0	197	4	
0	1979 '	0	1976		0	197	3	
0	1978	0	1975		0	1970) a 19	372
c. ¿Po	or cuánto ti	empo vi	ivió	e r1	los E.U.	la últ	ima ı	rezi
0	6 meses a	l año		0	5 años			
0	1.a 2 años			0	6 a 9 aî	ios		
0	3 a 4 años			0	10 años	o m	ás	
	staba — Frabajando	en un	emple	eo c	negoc	io?	<u>Sí</u>	N
	(jornada d	complete	o parci	al) .	•••••		0	0
	En las Fuer	zas An	madas?	٠	• • • • • • •	••••	0	0
(2) I								

13a. During the last 10 States at any time			
· O Yes	O No-Skip	to l	14
b. When did cor the last time?	me or return to Pi	Jert	n Rico
O 1980	0 1977		1974
0 1979	0 1976	_	1973
0 1978	0 1975	ဂ	1970 to 1972
c. How long did	live in the U.S., t	he l	ast time?
O 6 months up to	1 year	0	5 years
O 1 to 2 years		0	6 to 9 years
O 3 to 4 years		0	10 or more years
d. For the last 6 mo	onths that live	d In	U.S.,
was —		<u>Yes</u>	No
(1) Working at a (full or part-	job or business?	0	0
(2) In the Armed	Forces?	0	0
(3) Attending sci	hool or college?	0	0

14. ¿Sabe leer	y escribir (en cualquier idioma)?			
ost	O Na			
15a. ¿Sabe hablar españo??				
O Sí	O No			

14. Does .	. know how to re	ad and write (In any language)?
⊖ Ye	s 0	No
15a. Can .	.speak Spanish?	
⇒ Ye	. 0	No

adi esc de	iestramiento vocacional	
0	Si	O No-Pase a la pregunta 22
b. ¿En	n qué tipo de escuela re	cibló el adiestramiento?
0	Escuela comercial, indu	strial o "junior college"
0	Programa vocacional de	escuela superior
0	Programa de adiestrami	ento en el lugar de trabajo
0	Otra escuela — Especifi	que —

b	ocational t usiness so I school fo	training programmes the contract of the contra	ram at a trade at or some other at training?	school,
O	Yes		0 No - Sk!	p to 22
b. A1	which kir	nd of school	was the trainin	g received?
O	Business	school, trade	school, or junio	r college
0	High scho	ool vocational	program	
0	Training p	program at pla	ace of work	
0	Othersch	ool— Specify-	7	
	b. Al	vocational thusiness so of school for Do not Include: () Yes b. At which kir () Business () High school Training ()	vocational training programs school, hospits of school for occupation Do nat Include academic co Yes At which kind of school Business school, trade High school vocational Training program at pla	b. At which kind of school was the trainin O Business school, trade school, or junio

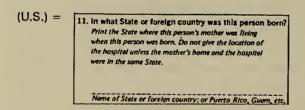
The question on ability to read and write (literacy) has been asked in Puerto Rico since 1910. The topic was eliminated from the stateside census in 1940. The question on vocational

training had been asked in both Puerto Rico and the United States in 1970; it was dropped from the U.S. census in 1980 because of data-quality concerns. The question on ability to speak Spanish was added to the language item in 1980 at the request of the Puerto Rico Department of Education.

In Puerto Rico, the birthplace item (see below, item 6) appeared on the complete-count portion of the census, whereas it was a sample question in the mainland version. Also, the U.S. version asked the respondent to write in the name of the State, territory, commonwealth, or foreign country in which he/she was born. In Puerto Rico, the Census Bureau provided several birthplace options (e.g., Puerto Rico, Cuba, Spain, and the Dominican Republic) and a residual category ("other country"). Similarly, the responses in the Puerto Rican questionnaire to the inquiry on means of transportation to work differed slightly; categories such as "public car" and "launch" were included to reflect local means of transportation. Stateside categories such as "railroad" and "subway or elevated" were not used in Puerto Rico and did not appear on the form. For comparison, these two questions are reproduced below.

6. ¿Dónde nació?	Nació en:
Si noció en un hospital indique el lugar de residencia de la modre, no el lugar de ubicación del hospital. Liene un círculo.	O Puerto Rico Municipio O Estados Unidos O Cuba O España O República Dominicana O Otro país

6. Where wasbom? If born in a hospital, give residence of the mother, not location of the hospital. Fill one circle.	Born In: O Puerto Rico
--	------------------------



			ensportación, indique el qui nayor parte de la distancia.
0	Auto privado	0	Lancha
0	Camión descubierto	0	Taxl
	(truck)	0	A pie solamente
0	Camión cubierto	0	Trabajó en casa
	(van)	0	Otro medio - Especifiqu
0	Guagua		
0	Carro público		

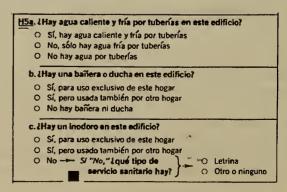
b. How did usuall if used more than used for most of the a	one metho	vork <u>last week?</u> od, give the one usually
O Private car	0	Launch
O Truck	0	Taxicab
	0	Walked only
O Van	0	Worked at home
		Other Specify
O Bus		*
O Public car		
If private car, truck, of Otherwise, skip to 28.		ib, go to 24c.

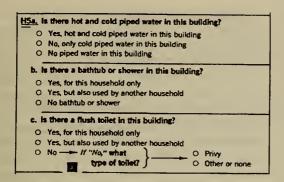
(U.S.) =	If th	w did this person usuals person usuals person used more the sally used for most of the	20 00	
	0	Car	0	Taxicab
	0	Truck	0	Motorcycle
	0	Van	0	Bicycle
	0	Bus or streetcar	0	Walked only
	0	Railroad	0	Worked at home
	0	Subway or elevated	0	Other - Specify
		k, or van in 24b, go to : skip to 28.	24c.	,

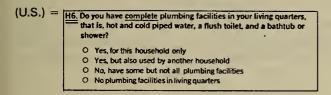
The sample questions on ancestry and marital history, which were asked in the United States, were not included in the Puerto Rico questionnaires.

Housing—Several of the complete-count housing items used on the mainland were modified for Puerto Rico because of the differences in housing characteristics. The question on the number of living quarters at each address was not included. The following items are shown in Spanish and English in the order in which they appeared on the two versions of the Puerto Rico questionnaire. The question as it was used in the United States appears immediately below.

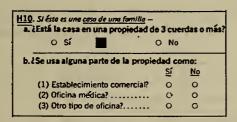
In the United States, the question, "Do you have complete plumbing facilities in your living quarters...?" specified the presence of hot and cold piped water, a flush toilet, and a bathtub or shower. For Puerto Rico, the reference point of the question (H5) was the entire building rather than the particular living quarters of the respondent. The question was also subdivided into three parts, with a separate question for each major component of a "complete" plumbing system (hot and cold piped water, flush toilet, bathtub or shower). In all versions, the questions were to be answered by simply marking the appropriate FOSDIC circle.



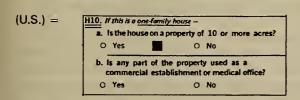




In the United States, residents of one-family houses were asked if their houses were situated on properties totaling 10 or more acres and if residential properties were also used for commercial or medical purposes. In Puerto Rico, lot size was measured in *cuerdas* (1 cuerda equals approximately 0.97 acres) rather than acres; 3 *cuerdas* was the dividing line, and the questions about other uses of residential property were asked separately rather than collectively.

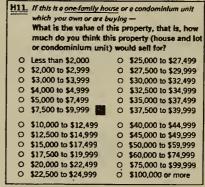


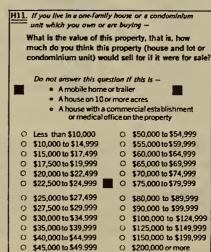
	is is a <u>one-family</u> house on a pro		топ	re cuerda
0	Yes	0	No	
b. Is an	y part of the pro	operty used at		No
		ht:	,	0
(1) A	commercial esta	blishment? C	,	_
	commercial esta medical office?.			o



The question on the value of residential property (H11) was the same for Puerto Rico as on the mainland except for the following: The value categories for Puerto Rico ranged from "less than \$2,000" to "\$100,000 or more," whereas in the United States the categories went from "less than \$10,000" to "\$200,000 or more." In the States, the value question was asked and tabulated for owner-occupied and vacant-for-sale one-family homes on less than 10 acres with no business establishment on the property; in Puerto Rico, the question was asked for all owner-occupied and vacant-for-sale one-family homes, but tabulation was limited to those that were (a) on less than 3 cuerdas of land, and (b) did not have a business on the property.

¿Cuál es el valor de e por cuánto cree usted	n familia o una unidad en un l'posee o está comprando — sta propiedad, es decir, l que esta propiedad (casa y n condominio) se vendería?
O Menos de \$2,000	O \$25,000 a \$27,499
O \$2,000 a \$2,999	O \$27,500 a \$29,999
O \$3,000 a \$3,999	O \$30,000 a \$32,499
O \$4,000 a \$4,999	O \$32,500 a \$34,999
O \$5,000 a \$7,499	O \$35,000 a \$37,499
O \$7,500 a \$9,999	O \$37,500 a \$39,999
O \$10,000 a \$12,499	O \$40,000 a \$44,999
O \$12,500 a \$14,999	O \$45,000 a \$49,999
O \$15,000 a \$17,499	O \$50,000 a \$59,999
O \$17,500 a \$19,999	O \$60,000 a \$74,999
O \$20,000 a \$22,499	O \$75,000 a \$99,999
O \$22,500 a \$24,999	O \$100,000 o más





(U.S.) =

The question on contract rent (H12) also was the same for Puerto Rico as for the States, with the following modifications: The contract rent categories for Puerto Rico ranged from "less than \$30" to "\$400 or more"; on the mainland, the contract rent categories ranged from "less than \$50" to "\$500 or more." Although in both the States and Puerto Rico the question was asked for all renter-occupied and vacant-for-rent homes, the tabulated data for Puerto Rico excluded one-family homes on 3 cuerdas or more of land, while in the United States tabulation excluded one-family homes on 10 or more acres.

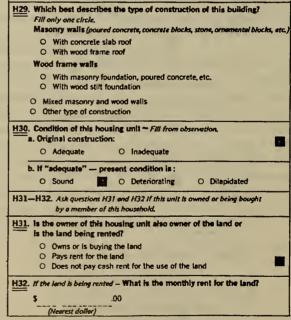
H12.	SI usted paga alquiter p	or su vivi	enda —
	Cuál es el alquiler :	mensual	7
	Si no paga el alquiler n	nensualme	ente, vea en el manual
	de referencia cómo cal	cular el al	quiler mensual.
0	Menos de \$30	0	\$140 a \$149
0	\$30 a \$39	0	\$150 a \$159
0	\$40 a \$49	0	\$160 a \$169
0	\$50 a \$59	0	\$170 a \$179
0	\$60 a \$69	0	\$180 a \$189
0	\$70 a \$79	0	\$190 a \$199
0	\$80 a \$89	0	\$200 a \$224
0	\$90 a \$99	0	\$225 a \$249
0	\$100 a \$109	0	\$250 a \$299
0	\$110 a \$119	0	\$300 a \$349
0	\$120 a \$129	0	\$350 a \$399
0	\$130 a \$139	0	\$400 o más

<u>H12.</u>	If you pay rent for y What is the month	
	If rent is not paid by	the month, see the Questionnaire
	Reference Book on I	how to figure a monthly rent.
0	Less than \$30	O \$140 to \$149
0	\$30 to \$39	O \$150 to \$159
0	\$40 to \$49	O \$160 to \$169
0	\$50 to \$59	O \$170 to \$179
0	\$60 to \$69	O \$180 to \$189
0	\$70 to \$79	O \$190 to \$199
0	\$80 to \$89	O \$200 to \$224
0	\$90 to \$99	O \$225 to \$249
0	\$100 to \$109	O \$250 to \$299
0	\$110 to \$119	O \$300 to \$349
0	\$120 to \$129	O \$350 to \$399
0	\$130 to \$139	O \$400 or more

S.) = H12.	If you pay rent for you What is the month!	
	ff rent is not paid by guide on how to figure	the month, see the instruction re a monthly rent.
0	Less than \$50	O \$160 to \$169
0	\$50 to \$59	O \$170 to \$179
0	\$60 to \$69	O \$180 to \$189
0	\$70 to \$79	O \$190 to \$199
0	\$80 to \$89	O \$200 to \$224
0	\$90 to \$99	O \$225 to \$249
C	\$100 to \$109	O \$250 to \$274
0	\$110 to \$119	O \$275 to \$299
0	\$120 to \$129	○ \$300 to \$349
0	\$130 to \$139	O \$350 to \$399
5	\$140 to \$149	O \$400 to \$499
0	\$150 to \$159	O \$500 or more

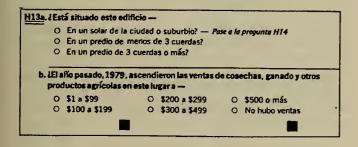
A number of housing items, which were not included in any of the stateside questionnaires, were asked for *sample* housing units in Puerto Rico. These items, on subjects considered to be especially descriptive of housing in Puerto Rico, were as follows by number (the items are shown in Spanish and English as they appeared on the respective versions of the questionnaire):

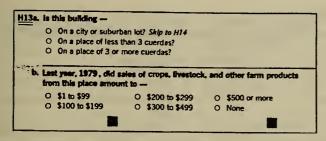
H18. ¿Tiene esta vivienda alumbrado eléctrico?
O ST O NO
H18. Does this housing unit have electric lighting? O Yes O No
H29. ¿Qué describe mejor el tipo de construcción de este edificio? Liene un círculo solomente.
Paredes de mampostería o concreto (concreto armado, bloques de
concreto, piedra, bioques ornamentales, etc.)
O Con techo de concreto
O Con techo de madera
Paredes de madera
O Con cimientos de mampostería o concreto armado, etc.
O Con cimientos de pilotes de madera
O Paredes de mampostería o concreto y madera
O Otro tipo de construcción
H30. Condición de esta vivienda — Conteste por observoción
a. Construcción original:
O Adecuada O Inadecuada
b. Si "adecuada" — la condición actual es:
O Buena 🔳 O Deteriorándose O Dilapidada
H31—H32. Haga las preguntas H31 y H32 si esta vivienda es propiedad de o está
slendo comprada por un miembro de este hogar.
H31. ¿Es el dueño de la unidad también dueño del solar o alquila el solar?
O Dueño o está comprando el solar
O Paga alquiler por el solar
O No paga alquiler en efectivo por el uso del solar
H32. Si el solar es alquillado - ¿Cuánto paga mensualmente por el solar?
\$.00
(Al dolar más cercano)
1200 Mills had deather the transfer of another than the transfer of the transf
H29. Which best describes the type of construction of this building? Fill only one circle.
Masonry walls (poured concrete, concrete blocks, stone, ornamental blocks, etc.)
O With concrete slab roof
O With wood frame roof
Wood frame walls

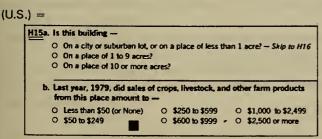


In addition to the variations in questionnaire content noted above, a number of the questions asked for sample housing units in Puerto Rico differed in scope or in the response categories provided for the corresponding questions on the mainland. The major differences are described below.

In both the United States and Puerto Rico, the sample questionnaire included questions on lot size and value of farm products sold. On the mainland, housing units on city or suburban lots or on places of less than 1 acre were automatically classified as nonfarm; places of 1 or more acres were classified as farms if they had gross sales of \$1,000 or more in 1979; and farms were further subdivided by size ("1 to 9 acres" and "10 or more acres") and by sales (with categories ranging from "\$50 or less" to "\$2,500 or more"). In Puerto Rico, the questions were similar to those asked in the United States, but the size and value categories were different: rural housing units were on either "less than 3 cuerdas" or "3 or more cuerdas," while the value categories ranged from "\$1 to \$99" to "\$500 or more." On the mainland, the lowest category was also used for places which had no sales; in Puerto Rico, there was a separate response category for places with no farm sales.



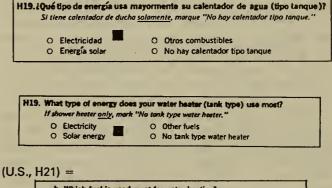


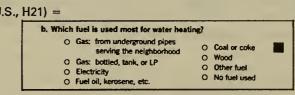


The question on source of water was the same in the United States and Puerto Rico, but the response categories were different. The Puerto Rico questionnaire distinguished among the public water system, an individual well, "a cistern, tanks, or drums," and other sources. The mainland version provided two categories for wells (drilled and dug) and included a single answer category for both public and private systems.

H74'10PR	ene usted agua para su vivienda de
0	Un acueducto público?
0	Un pozo privado?
0	Aljibe, tanques o drones?
0	Manantial u otra fuente (río, canel de riego, etc.)?
	rou get water from — A public system?
	An Individual well?
0	A cistem, tanks, or drums?
0	A spring or other source (river, trrigetion canel, etc.)?
== H16. Do	you get water from —
	A public system (city water department, etc.) or private company? An individual delited water
0	A public system (city weter department, etc.) or private company! An individual drilled well? An individual dug well?

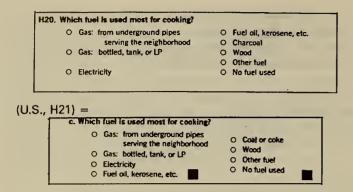
The stateside inquiry on fuel used to heat water was limited to tank-type water heaters in Puerto Rico. The mainland version contained eight answer categories while the Puerto Rican inquiry had four possible responses.



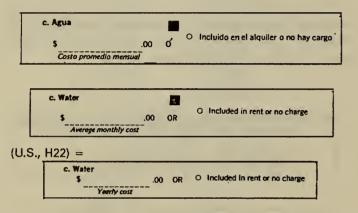


In both the States and Puerto Rico, the question on cooking fuel was identically worded. Seven of the eight answer categories were also identical in both areas. The remaining category referred to "coal or coke" in the States and to "charcoal" in Puerto Rico.

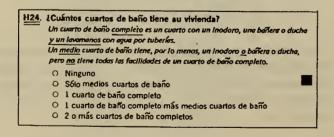
H20. ¿ Cuál combustible usa principalmente para cocinar?			
0	Gas por tuberías subterráneas que sirven a toda la comunidad		Aceite combustible, queroseno, etc.
0	Gas en cilindros, tanques o petróleo líquido	0	Leña Otra clase de combustible
0	Electricidad		No uso combustibles

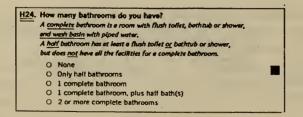


The question on utility costs (H21) asked for monthly water expenditures in Puerto Rico but requested yearly figures for the States.



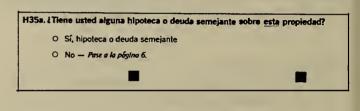
While the inquiry on the number of bathrooms per housing unit was identically worded in the States and Puerto Rico, the answer categories varied slightly. In the U.S. questionnaire, the first response category combined "no bathroom" with a "half bathroom." In the Puerto Rican questionnaire, each of these responses appeared separately.

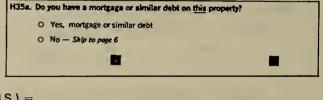


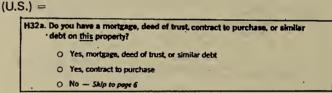




In the United States, the question on mortgages also mentioned deeds of trust and contracts to purchase; in Puerto Rico, the question asks only for mortgages and other debt. On this issue, the U.S. questionnaire contained three answer categories while the Puerto Rican version had only two categories.







The following sample housing items asked in the United States were not included in the Puerto Rico questionnaire:

Number of floors in building
Elevators in building
Heating equipment
Heating fuel

Preparatory Work

Map preparation—Maps illustrated the areas to be covered by each enumerator, crew leader, and supervisor. In June 1977, the Puerto Rico Planning Board (PRPB) agreed to update the maps for Puerto Rico, define and delineate enumeration districts (ED's), and provide the Bureau of the Census with a current set of place maps for a number of settlements. Using the PRPB's specifications, Census Bureau personnel at the

Jeffersonville, IN, facility prepared the base maps by consolidating U.S. Geological Survey topographic quadrangle maps (or "quads") by municipio (the county-level geographic unit in Puerto Rico). All updates provided by the PRPB, ED boundaries and numbers, block numbers, and other boundaries used for the 1980 census were made on the municipio-formatted base maps and on Metropolitan Map Series maps and place maps. These preliminary overlays were used to prepare final office, supervisor, crew leader, and enumerator maps. (See ch. 3 for more detail on map production.) Together with various control listings, these maps were then shipped to Puerto Rico.

ED's in Puerto Rico were delineated to include approximately 140 housing units and 550 persons. (This was roughly half the size of a conventional stateside ED.) Based on final census counts, each of Puerto Rico's 6,193 ED's averaged about 160 housing units and 516 persons. The Census Bureau did not distinguish between rural and urban ED's.

Census tracts were delineated in the five SMSA's (standard metropolitan statistical areas)—Arecibo, Caguas, Mayagüez, Ponce, and San Juan—and in two non-SMSA municipios (Aguadilla and Peñuelas). The PRPB delineated 463 census tracts, to which the Census Bureau added two crews-of-vessels tracts. The urbanized areas of the 5 SMSA's and 12 other places were included in the block statistics program; this involved the numbering and separate identification of approximately 15,600 blocks and 108 block-numbering areas (BNA's) on census maps.

Training materials—The Enumerator's Manual (D-549-PR) was the basic training document written for the field staff. It delineated the enumerators' duties and responsibilities and contained detailed instructions on how to obtain the required information for the items on the questionnaires. Enumerators were encouraged to carry their manuals with them in the field and to refer to them when questions arose. Among the other training materials prepared for use in Puerto Rico were the Crew Leader's Manual (D-555-PR), the Field Operations Supervisor's Manual (D-529-PR), the Office Operations Manual (D-509-PR), the District Office Administrative Manual (D-503-PR), and the District Manager's Manual (D-508-PR). Training guides were prepared to accompany the principal manuals, and numerous reporting forms were developed for the management of field operations.

Enumerators' and crew leaders' manuals were printed in Spanish only; photocopied English versions were made available to non-Spanish-speaking administrative personnel in Puerto Rico and at headquarters. All other district office training manuals, with the exception of the district manager's manual, were issued in both English and Spanish. The Spanish versions were used almost exclusively in Puerto Rico, but headquarters staff relied on both versions. As in 1960 and 1970, the standard U.S. census instructions and training materials were modified for use in Puerto Rico in 1980 whenever possible. Most of the translations were made by 2 Census Bureau

employees, who were Puerto Ricans by birth and translators by profession, and by 10 other Hispanic staff members who were fluent in Spanish. Additional translations were contracted out to firms and individuals in New York and in the Washington, DC area; their work was reviewed thoroughly by Census Bureau employees before being accepted for publication.

Training materials were assembled in the Census Bureau's Jeffersonville, IN, facility and were shipped to Puerto Rico. Over 16,000 training and instructors' kits were prepared for regular, followup, and special-place enumerators and crew leaders. These kits contained the forms, manuals, and other materials needed to train new employees as enumerators. For example, the enumerator's kit (649A-PR) contained one or more copies of all the major census forms and envelopes, a pay voucher and travel expense record, three training manuals, a workbook, a self-study guide, a PEPOC card, an identification card and holder, writing supplies, FOSDIC correction dots, an ED map, a training address register, and a box of rubber bands. (App. 11A presents the number of training and instructors' kits assembled, by type.)

Space and facilities—Space for the eight district offices was obtained under the Census Bureau's delegated leasing authority. Market surveys and lease acquisitions were conducted by local census personnel under review by the Administrative Services Division. Additional space for the area office was obtained in the Federal Court House in Hato Rey (San Juan) through the General Services Administration. Three of the eight district offices were in Commonwealth-owned buildings, and five were in commercial space. The annual cost of the non-Federal space averaged \$8.65 per square foot.³ Some office furniture was shipped from the mainland, some was borrowed from other Federal agencies, and some equipment, such as pocket calculators, was purchased locally. Telephone service was arranged locally.

The area office opened in December 1979; the eight district offices—two in San Juan and one each in Carolina, San Lorenzo, Ponce, Aguadilia, Arecibo, and Bayamón—opened at the end of January 1980.

On March 19, 1980, the Governor issued a proclamation to the inhabitants of Puerto Rico, urging them to participate in the census and underscoring the importance and benefits of cooperation.

Other preparatory work—To aid in the enumeration of group quarters (places with unusual or difficult-to-classify living arrangements which required different census procedures), the Decennial Census Division at Bureau headquarters prepared a list of

³Excludes the nominal rental fees of \$1.00 per month paid for the San Lorenzo and Aguadilla offices. The Census Bureau paid \$12,180 and \$20,816, respectively, to renovate and prepare these offices. Most office space had to be leased for 1 year; no cost savings could be realized even though the space was used for only 8 months.

hotels, jails, hospitals, orphanages, college dormitories, military installations, and other types of special places. This list was constructed in 1979, using telephone directories and lists prepared by the U.S. Department of Defense and the Commonwealth Departments of Education and Social Services.

Over 20,000 supply kits were assembled in Jeffersonville and shipped to San Juan (see app. 11B for a listing of the kits sent, by type.) The contents of these kits ranged from office supplies and forms to the notebooks of forms used by enumerators and crew leaders.

Nearly 4.7 million data-collection forms were printed and shipped to Puerto Rico, either in bulk or as parts of the supply kits referred to above. (For a breakdown of the type and quantity of data-collection forms sent to Puerto Rico, see app. 11C.)

The bulk of the materials and supplies needed for the enumeration in Puerto Rico were shipped to a vacant U.S. Air Force base exchange that served as the district office (DO) in Aguadilla, and distributed to the other DO's from there. The initial shipment arrived in February. Smaller, followup shipments were sometimes directed to the area office in San Juan for distribution and sometimes shipped directly to the DO.

Field Organization

To collect the desired information for the 3.2 million persons and more than 969,000 housing units in Puerto Rico required a temporary field staff of approximately 7,000 persons, including a central office manager (area manager) and assistant manager, who directed the field operations; 8 district managers and their 8 assistants; approximately 500 crew leaders; about 6,100 enumerators; and over 300 clerks in the area and district offices.

The entire census staff, from the area manager and his chief assistant to the clerks and enumerators, was hired in Puerto Rico. In contrast with 1970, when the Commonwealth Department of Education recruited school superintendents and principals to serve as crew leaders and teachers to serve as enumerators, recruitment for the 1980 census was from the public at large, and was managed from the San Juan area office by the regional recruiting coordinator, who reported directly to headquarters in Suitland, MD. In each district office, a field operations assistant for employment was responsible for advertising positions, testing and interviewing applicants, and hiring. In addition to hiring a substantial contingent of political referrals, the field operations assistants also relied on referrals from the Commonwealth Department of Labor and used newspaper advertisements to identify and recruit census personnel. All candidates were given tests to determine their eligibility for appointment. Space was allocated in the district offices for testing and training.

A small number of enumerators were hired to complete the enumeration of institutions and other special living quarters. Military personnel within the larger installations were appointed as temporary census employees to complete the enumeration of personnel assigned to operating units on military bases.

Payroll

Payroll units in the area office and in each district office monitored the time and attendance logs for hourly and salaried employees. Payroll checks were issued by the U.S. Treasury in Birmingham, AL, and were mailed directly from there to employees in Puerto Rico. The following pay rates were established for Puerto Rico (the wage scale reproduced below includes a 10-percent cost-of-living adjustment (COLA) that took effect in FY 1980).

Position title	Pay rate
Enumerator	
A. Hourly rate, \$4.40 per hour (except for training and when working at piece rates)	
B. Piece rates as follows:	
Short questionnaire (occupied housing units only)	\$ 2.40
Long questionnaire (occupied housing units only)	4.45
Vacant units (long or short question- naire)	2.05
PEPOC card	.07
T-Night place	1.65
T-Night packet	.04
Time en route (per mile)	.16
C. Additional payments:	
Satisfactory completion of group training	60.00
Satisfactory completion of on-the-job training	3.75 per hour
Mileage (per mile, where authorized)	.185
District manager	10.80 per hour
Field operations supervisor	8.95 per hour
Field operations assistant	5.95 per hour
Office operations assistant	5.60 per hour
Senior administrative clerk	5.60 per hour
Senior office clerk	4.40 per hour
Office services clerk	4.25 per hour
Clerk	3.90 per hour
Crew leader	4.95 per hour
•	

These administratively determined pay rates were calculated by adding the 10-percent COLA to the rates for temporary census field employees working in conventional DO's on the

mainland. Whereas the wage scale used by the Census Bureau during the 1970 census was considered extremely low, 1980 pay rates were viewed as very competitive. Since the 1980 census was taken during a period of relatively high unemployment in Puerto Rico and the Census Bureau offered competitive wages, the agency did not experience the recruiting difficulties it had faced in 1970.

Data Collection

Enumeration procedures—The enumeration of Puerto Rico was conducted by a combination of self-enumeration and personal interview similar to the conventional procedure used in the United States (see ch. 5). In areas with postal delivery service, an unaddressed advance census report (form D-13-PR), containing a short questionnaire, a form letter, a Privacy Act notice, and a detachable instruction sheet, was delivered by a postal carrier to every housing unit on his or her route several days before Census Day, April 1, 1980. In areas without carrier delivery service, questionnaires were available where people picked up their mail. Householders were asked to fill out the questionnaire and give it to the enumerator when he or she visited the household.

Beginning on March 31, 1980, each enumerator systematically canvassed his or her assigned area, listed all housing units in an address register (form D-104-PR) in the order they were encountered, and marked the location of each housing unit and special place on his or her enumeration district map. Completed questionnaires were collected from each household. During the enumerator's visit, incomplete and unfilled forms were completed by interview and inconsistencies resolved. At every sixth household or housing unit, the enumerator administered the sample questionnaire by transferring the complete-count information from the short form to the D-2-PR long form, asking the remaining questions, and recording the householder's responses. The enumeration process was completed in approximately 4 weeks.

Special questionnaires were used for the enumeration of persons in group quarters such as college and university dormitories, prisons, and military installations. These forms contained the same population questions that appeared on the long and short questionnaires but did not include any housing questions. (For a detailed discussion of the questionnaires and enumeration procedures used in special places, see ch. 5. pp. 39ff.)

Followup enumeration—The followup operation consisted of several procedures for obtaining information missed or recorded incorrectly during the regular enumeration. In the recanvass, address registers of ED's that failed the coverage check were given to enumerators who listed the addresses of housing units missed during the regular enumeration and then enumerated the added units. During failed-edit followup, enumerators obtained additional information from households which had refused to

be enumerated during the regular enumeration, had turned in faulty or inconsistent questionnaires, or had been selected for resampling. The problem of lost or misleading questionnaires was also rectified during followup. In the unit status review, enumerators visited addresses classified as vacant to ensure that the original classification was correct.

Control of field operations—As in previous censuses, the work of each enumerator was reviewed by a crew leader before the enumerator was paid. Forms of less than acceptable quality were returned to the enumerator for additional work. Along with other checks on quality and completeness, the crew leader prepared for each of his or her ED's an advance listing of 24 addresses that was later compared with the enumerator's completed listing book. If an enumerator's work was found to be unacceptable, the area was recanvassed during followup enumeration. Several progress-reporting forms were used to determine whether enumerators were on schedule and to keep the central office informed of overall progress.

Local review—Beginning in late June, the Census Bureau sent preliminary population and housing-unit (both occupied and vacant) figures for each ED to local elected officials for their comments. Over the next 6 weeks, most officials accepted the figures provided and notified the Census Bureau of their acceptance. However, officials from several municipios, including San Juan, contested the Census Bureau's numbers. During the month of August, these disagreements were resolved through negotiations and, on several occasions, by recounting a small number of contested areas.

Problems-The enumeration was hampered by incorrectly packed kits of forms and supplies, resulting in heavy demand from the DO's for the official Census Bureau car (which was assigned to the area office in San Juan). To redistribute census materials among the various DO's, the agency relied on the use of automobiles owned or driven by employees, who were reimbursed for mileage. The preparation of payroll checks by non-Spanish-speaking Treasury employees in Birmingham, AL, also caused problems. Lack of familiarity with Spanish naming conventions and with the distinctive Puerto Rican address system led to frequent errors in the names appearing on Federal paychecks and to the misaddressing of checks. These errors probably contributed to the relatively high incidence of lost checks in Puerto Rico, although errors in the Postal Service's handling of these checks may also have been involved. While most of the enumeration district (ED) maps arrived in Puerto Rico on time, some were printed backwards. Once this was discovered, enumerators had to be taught how to read them because not enough time was available to order, print, and ship replacement copies. More importantly, many of the maps were inadequately updated; as a result, new streets did not always appear on these maps, and closed streets were not systematically removed. In addition, a number of the maps were reproduced with incorrect scales, and the placement and dimensions of natural features were not always accurate. Incorrect maps made the enumerator's task more difficult. Finally, rising crime rates in portions of San Juan and other areas made some householders reluctant to open the door when the enumerator arrived to pick up the completed questionnaires. However, census enumerators were trained to be courteous but persistent, and the Puerto Rico enumeration was among the first completed in 1980.

Field processing—Data collection was virtually complete by the middle of August, and all district offices except Bayamón were closed by the beginning of September. The questionnaires and other materials were collected at the district office in Bayamón for preliminary processing. Written entries for industry and occupation on the sample questionnaires were reviewed, and the nearest English equivalent of the Spanish entry was written just above the response on the questionnaire. (The review and translation of these entries was supervised by a Census Bureau employee, assisted by technical experts from the Bureau of Labor Statistics of the Commonwealth Department of Labor.) This translation made it possible to have the industry and occupation entries coded by the regular coding staff in Laguna Niguel, CA. Preliminary population counts were compiled in the area office, and the counts for the island and all municipios were released on June 26-27, 1980. Area office operations were completed in September, and that office closed after the district offices had shipped their population and housing census materials to Bayamón.

Processing the Data

At the Bureau's facility in Laguna Niguel, CA, the Puerto Rico questionnaires were processed in much the same manner as those for the United States. (These procedures are described in detail in ch. 6.) The following minor variations in processing procedures were required to handle the Puerto Rican questionnaires:

Coding—Following a clerical check for inconsistent and missing data, the questionnaires were sent to the industry and occupation coding operation. As noted above, industries and occupations had been translated into English in Puerto Rico; in Laguna Niguel, they were assigned codes following established procedures. Problem cases were referred to Spanish-speaking technicians. A geographic reference identification number (GRIN) system was prepared for Puerto Rico for the place-of-work coding operation, which corresponded in format with the GRIN for the United States. This system permitted the coders to enter numeric codes for each area for which these data were to be tabulated. General coders used a list of translations to code the written entries specifying relationship to head of household; problem cases were referred to Spanish-speaking technicians or supervisors.

Computer editing and allocation procedures—After the Puerto Rico questionnaires were microfilmed, data were transferred to magnetic tapes in the FOSDIC operation. These tapes were then shipped to Bureau headquarters in Suitland where they were processed through the various computer routines written for Puerto Rico. The programs for editing unacceptable entries and allocating missing data were modified versions of those used on U.S. data. The weighting of sample data followed the U.S. pattern. (For a detailed description of the editing, allocation, and weighting procedures used in the 1980 U.S. census, see chs. 6 and 12.) Special editing programs were written to handle the items on the Puerto Rico questionnaires that did not appear on the U.S. questionnaires.

Tabulation and Publication

The tabulation program for Puerto Rico was designed to provide data as nearly comparable as possible to those published for the United States. Prior to the writing of the computer programs that generated the tabulations, and again after table outlines for the several printed publications planned for Puerto Rico were produced, the Bureau gave officials of the Commonwealth Government opportunities to review the proposed tables. No comments on the final table outlines were received. To assure comparability with U.S. statistics and to enable minimally modified computer programs (originally written to process U.S. data) to tabulate the Puerto Rico data, some restrictions were imposed on the kinds and level of detail provided in the printed reports.

For Puerto Rico, as for the United States, five tabulation files and three public-use microdata sample files were prepared. These tabulations produced the population and housing data that the Bureau published in printed reports and on microfiche and served as the basis for producing five summary tape files (STF's) and three public-use microdata sample files that were similar in scope and content to the summary tape files prepared for the States. (See ch. 8 for a fuller description of these tape files.)

Printed reports for Puerto Rico were published in Spanish and English. Spanish and English versions of some reports were published together in the same volume while others appeared as separate volumes. (For a complete listing of the printed reports from the 1980 census, see ch. 8, app. 8A.) Puerto Rican data were included in the series of preliminary and advance population reports and in the following final series: Population, PC80-1-A, B, C, and D; Housing, HC80-1-A and B, and HC80-2; and joint Population and Housing, PHC80-1, 2, and 3, and PHC80-SP. The following steps were taken to prepare the final reports for Puerto Rico:

Text

- 1. English text prepared and typed
- 2. English text translated into Spanish

Text-Con.

- 3. English and Spanish text composed in galley form and sent to sponsoring division for review
- 4. Mocked-up version of corrected galleys made up and sent to sponsoring division for review
- 5. Final camera copy put together by hand from corrected galleys
- 6. Camera copy reviewed and corrected

Tables

- 1. Table outlines prepared by sponsoring division and approved
- 2. Table outlines translated into Spanish
- Computer programs to produce base table image (pageimage) files written and tested
- 4. Table counts generated by UNIVAC 1108 and reviewed by sponsoring division
- 5. Diacritical marks added to Spanish names and words
- 6. Photocopies of page-image files and table counts combined by hand
- 7. Final camera copy reviewed and corrected

Charts

- 1. Black-and-white chart sketches designed in English and Spanish, reviewed, and approved
- 2. Sponsoring division provided specifications and data for each chart
- Separate programs for each type of chart run on UNIVAC 1108 and electronic output sent to COMp 80/2 for processing and production of camera-ready charts on photosensitive paper
- 4. Final camera copy reviewed and corrected

Text, tables, and charts

- 1. Page numbers and running feet (publication and series titles placed at bottom of each page)
- 2. Report reviewed and corrected
- 3. Report sent to print

Nearly all the printed reports for Puerto Rico required extensive manual preparation before they were ready to be phototypeset. Since the phototypesetting process used to produce the 1980 census reports lacked the diacritical marks needed for Spanish text, these marks had to be added by hand. The Government Printing Office (GPO) subcontracted the printing of the Puerto Rico publications to private firms, which produced the reports using standard offset printing procedures. (For additional information on the technological aspects of printing census reports, descriptions of the various printed report and summary tape file series, and release dates for those pertaining to Puerto Rico, see ch. 8.)

The preparation of the Puerto Rico publications took longer than originally scheduled because of unanticipated delays in modifying the computer software used to process the questionnaires.

OUTLYING AREAS

Arrangements for the Censuses

Between January and March 1980, agreements on conducting the 1980 census were signed by the Governors of American Samoa, Guam, the Northern Mariana Islands, and the Virgin Islands. A similar agreement was signed in May 1980 by the High Commissioner of the Trust Territory of the Pacific Islands (excluding the Northern Marianas). The Census Bureau agreed to provide the maps, questionnaires, instructions, training materials, and office supplies; to appoint census advisors to work with the census project manager in each area; and to process and publish the data. In each area, the Governor or High Commissioner appointed a census coordinator who was responsible for recruiting and training the staff, handling appointments and payrolls, locating space and equipment, submitting regular reports on the status of the census, mounting publicity campaigns, reviewing post-census counts, and shipping the census forms back to the Bureau. The Census Bureau appointed its own employees as census advisors for each area; their responsibilities included administering the oath of office to the census coordinator, training the coordinator on census office and field operations, providing technical advice, establishing new procedures or adapting old ones as needed, assisting the census coordinator in training and swearing in other census employees, and certifying payroll and other cost reports to ensure that costs did not exceed the authorized budget.

For the five areas in which agreements were made with the Governor or ranking official to take the census, the censuses included both population and housing inquiries. In American Samoa and the Northern Mariana Islands, an agriculture census was also taken. (For a discussion of the agricultural census of these areas, see Bureau of the Census, 1978 Census of Agriculture, *Procedural History* (1983), pp. 84-87.)

In 1980 the Census Bureau obtained population counts for Midway Island, Johnston Atoll, and Wake Island from the U.S. Navy, U.S. Air Force, and Defense Nuclear Agency. No population characteristics were collected, tabulated, or published.

Data-collection forms-For each of the five major outlying areas, a separate household questionnaire (forms D-80-AS, D-80-G, D-80-NM, D-80-TT, and D-80-VI) was used to collect population and housing data. (The D-80 questionnaires used in American Samoa and the Virgin Islands in 1980 are reproduced in app. C, Facsimiles of Selected Data-Collection Forms.) There was no sample; detailed data were collected for all inhabitants of the outlying areas. The Pacific Islands questionnaires were identical in content and varied somewhat from the Virgin Islands questionnaire (see below, for a more detailed comparison of the Virgin Islands and Pacific Islands questionnaires). The front covers of the questionnaires were similar; only the area names, page references, and form number suffixes changed. They allowed for entry of unique geographic information, as well as address or location; DO (district office), ED (enumeration district), and block numbers; and housing-unit serial number. The back cover contained space on which to record temporary residents' usual home addresses; the American Samoa and Northern Mariana Islands instruments also contained screening questions allowing the enumerator to determine whether the unit should be included in the agriculture census. The first 9 population items appeared first on the D-80 questionnaires (10 items were printed first in the Virgin Islands questionnaire), followed by 3 pages of housing questions and 2 more pages of population inquiries for each person (up to 7 persons) in the household. This arrangement was the most efficient for subsequent computerized data processing.

The D-20 Individual Census Reports (ICR's) were reproductions of the form D-80 pages for persons, and thus contained only the population items. This form was used to enumerate people living in hotels; group quarters such as college dormitories, barracks, institutions, or boarding houses; and for visitors in private households. As for 1970, the 1980 ICR had to be transcribed onto FOSDIC-readable questionnaires in the DO. Although the transcription was time-consuming, it was less costly than reprogramming the computers to process the ICR's directly.

In May 1979, the proposed housing and population items were submitted for comments to each of the governing officials of the five major areas, and to the extent feasible, their comments were incorporated in the design of the final questionnaires.

The form D-80 household questionnaires contained 31 population and 37 (27 in the Virgin Islands) housing items. These generally were the same as in the United States, with some modifications to meet local needs and interests. For example, on the mainland, the defining characteristic of a housing unit was the presence or absence of direct access to the unit. In American Samoa, the type of cooking facilities also played a

role in defining a housing unit. Housing items included inquiries on residential building materials, the presence of radio and television receivers, sources of water, and the location of cooking facilities.

Several population items differed from those used in the United States. The race and Spanish-origin items were included only on the Virgin Islands form (those for the other areas contained an ethnicity question instead). On all household questionnaires administered in the outlying areas, marital status included a separate category for "consensually married." Respondents were also instructed to report their parents' birthplaces. Pacific Islands questionnaires asked for the duration and timing of any periods of residence in the United States over the past 10 years; the analogous item in the version used in the Virgin Islands pertained to periods of residence outside those islands. Pacific Islands questionnaires also included several other modifications: Household members were asked if they could read and write in any language; respondents under 15 years of age were asked if their mothers lived in the same household; and the number-of-children-ever-born item included two additional questions on the number of children still alive and those born alive since April 1, 1979. Inhabitants also were asked about the extent of their vocational training, and their participation in subsistence fishing, agriculture, or production. In other respects, the population items were nearly identical to the complete-count and sample items asked on U.S. questionnaires.

Geographic preparations -- In 1978 and 1979, the Bureau of the Census obtained boundary and map information for each of the five major areas from all available sources. In 1979, the Virgin Islands passed legislation that substituted minor civil divisions (MCD's, subcounty governmental units) for "quarters," the units used in earlier censuses. Each area was divided into ED's for assignment to enumerators. Guam and the Virgin Islands delineated ED's and census designated places (CDP's, administratively defined areas without legally established boundaries, usually with a population of at least 1,000). In the Northern Mariana Islands and the rest of the Trust Territory, the Census Bureau itself delineated CDP's. To delineate ED's, the Census Bureau adopted essentially the same ED boundaries used by the Trust Territory in its 1973 census. The ED's ranged in average size from approximately 275 people in the Northern Mariana Islands to just over 500 persons in the Virgin Islands. However, during the actual enumeration, some ED's were subdivided into two or more ED's in order to reduce or equalize enumerator workloads. The number of ED's finally delineated in each area was as follows:

American Samoa	¹ 113
Guam	220
Northern Mariana Islands	f 61
Trust Territory	413
Virgin Islands	192

Census schedule—The Decennial Census Division's Outlying Areas Branch was responsible for planning and coordinating the enumeration of the outlying areas in 1980. The census activity schedule for American Samoa, Guam, the Northern Mariana Islands, and the Virgin Islands was as follows:

Operation	Begin	End
Planning	7/78	3/80
Preparation of training and enumeration materials	9/79	2/80
Opening of area offices	1/80	2/80
Shipment of training and enumeration materials to area offices	12/79	4/80
Recruitment of staff	1/80	4/80
Training of crew leaders and enumerators	3/80	4/80
Enumeration	4/80	6/80
Quality control and office review of report forms	4/80	6/80
Closing of area offices	6/80	8/80
Processing	3/81	12/84

Since the census of the Trust Territory was to begin on September 15, rather than on April 1, the schedule differed from that for the other outlying areas:

Operation	Begin	End
Planning	7/78	3/80
Preparation of training and enumeration materials	9/79	2/80
Opening of area offices	-	7/80
Shipment of training and enumeration materials to area offices	5/80	12/80
Recruitment of staff	7/80	10/80
Training of crew leaders and enumerators	8/80	9/80
Enumeration	9/80	12/80
Quality control and office review of report forms	9/80	12/80
Closing of area offices	11/80	12/80
Processing	3/81	12/84

Staffing and other preparatory work—In accordance with the terms of the agreements, the recruitment, training, and supervision of the field staff in each of the five major areas was the responsibility of a census supervisor designated by the Governor (or High Commissioner). In conjunction with these officials, the Census Bureau established a budget for the field work,

together with a suggested allocation of funds among wages, travel, office expenses, and other items. With minor exceptions, these budgets were adequate for completing the field work.

The organization and composition of census staffs in the outlying areas were similar, except that in the Trust Territory, and to a lesser extent in American Samoa, the staffs consisted largely of teachers. In the Trust Territory, Census Day was set for September 15 instead of April 1 so that the teachers' census training could be coordinated with their teacher training. The following table displays 1980 census staff size by position and area:

Position*	Ameri- can Samoa	Guam	North- ern Mari- anas	Trust Terri- tory	Virgin Islands
Total	119	236	72	382	332
Census advisor	1	1	1	2	1
Census coordinator	1	1	1	1	1
Assistant coordinator	-	1	-	-	-
District coordinator	-	-	-	6	-
Census administrator	1	1	1	1	1
Administrative assistant	1	1	1	1	-
Clerks	4	20	4	10	31
Field operations supervisor (FOS)	1	-	-	-	2
Assistant FOS	-	-	-	-	2
Crew leaders	15	27	7	15	34
Enumerators	95	184	57	346	258
Custodial workers	-	-	-	-	2

*Note: A dash (-) in a column means that the position was not filled in that particular area.

Recruiting began in January 1980 (August in the Trust Territory). Except in the Trust Territory (where competitive testing was used only sparingly in the selection of local government personnel), candidates for employment were given written tests by the census coordinator, administrator, and/or census advisor; those who passed the test were interviewed before the final selection took place. Successful candidates were required to take an oath to protect the confidentiality of census information. While the Census Bureau provided the funding for the enumeration, payroll operations were handled by the local government; census employees were technically territorial, not Federal, employees. With the approval of the Census Bureau, the Virgin Islands established the following hourly pay rates for census personnel:

Position	Pay rate
Census coordinator	\$ 8.65
Senior administrative clerk	4.05
Administrative control clerk	3.85
Field operations supervisor	7.25
Assistant FOS	6.00
General office clerk	4.05
Senior office clerk	4.05
Editing clerk	3.85
Crew leader	4.50
Enumerator	4.00
Custodial worker	3.10

Pay rates in the other outlying areas were established by the local governments, after consultation with the Census Bureau, and were generally comparable to those in the Virgin Islands.

Crew leaders and enumerators with facility in the local language as well as English were often required, since many of the inhabitants spoke little or no English. Particularly in the Trust Territory, the need for bilingual enumerators led to heavy reliance on schoolteachers.

In American Samoa, Guam, and the Northern Mariana and Virgin Islands, crew leaders were given a 3-day training session in mid-March 1980 to familiarize them with their pre-census, enumeration, followup, and field-review duties. Enumerators were trained for a total of 24 hours in the week immediately preceding Census Day, April 1, 1980.

In American Samoa and Guam, crew-leader training was held in central locations; centralized training was not feasible in the other areas because of transportation difficulties among the islands. At least two training sessions were conducted in the Northern Marianas and the Virgin Islands. Crew leaders were responsible for enumerator training, and training sessions were held in several locations.

In the Trust Territory, three crew-leader training sessions were held in mid-August 1980—one for crew leaders on Yap and Palau, another for those on Truk, Ponape, and Kosrae, and a third for those responsible for the Marshall Islands. As in the other outlying areas, enumerator training was generally conducted during the week prior to Census Day. However, in several cases, enumerator training had to be held in August to allow enumerators to return to their places of residence via ships that embarked only once every 4 to 6 weeks.

The general reference source for the census office operations in the outlying areas was the *Office Operations Manual*, form D-513-OA. Chapter 2 described the forms and clerical procedures used to track completed questionnaires and those not

yet received in the DO, while chapter 3 presented a detailed description of census forms and codes and explained quality control operations. The last chapter outlined the supervisor's duties and responsibilities. The Coordinator's Manual, form D-508-OA, described the census coordinator's job, while the Crew Leader's Manual, form D-555-OA, and the Enumerator's Manual, form D-549-OA, provided detailed instructions for individuals hired for these positions. A Questionnaire Reference Book, form D-561 (issued separately for the Virgin Islands (VI) and the Pacific Islands (PI)), containing detailed, questionby-question explanations and instructions for completing census questionnaires, was distributed to enumerators and crew leaders. Census advisors and census coordinators in each of the outlying areas also received verbatim training guides to ensure uniform training of crew leaders (form D-655-OA) and enumerators (form D-649-OA). Enumeration district (ED) maps, census forms and questionnaires, and office supplies were distributed to each census supervisor. Additional written instructions were issued from time to time to resolve problems that arose and to assure the completion of all steps in the enumeration.

The Enumeration

The census was scheduled to begin on April 1, 1980 (September 15 in the Trust Territory). Despite some delays in the arrival of forms, training materials, and other supplies, the census began on time in nearly all areas. The delay in getting the enumeration under way on St. Croix in the Virgin Islands amounted to only 2 days. Enumerator training for the Trust Territory was conducted during the summer at the same location as the widely attended teacher training program. When teachers returned to their residences in late August and early September, an effort was made to provide them with all the materials needed to enumerate their assigned areas. That teachers had to collect data after school hours caused few problems because householders were rarely home during the day.

After an office review of all completed questionnaires to ascertain that each area had been enumerated properly, the materials were packaged and sent to the Bureau's processing office in Laguna Niguel, CA. Materials generally were received between June and September 1980, with the final shipment from the Trust Territory arriving in January 1981.

Processing the Data

The same basic procedures for editing, coding, and processing the U.S. questionnaires (see chs. 6 and 12) were used for the outlying areas. Special clerical sections were established in Laguna Niguel to edit and code the questionnaires, starting in

mid-1981. More thorough geographic preparation and enumerator training prevented a repetition of the problems encountered in 1970 when editing incomplete or missing geographic information for housing units.

Clerks manually assigned codes to written entries for detailed family relationship, place of birth, parents' birthplaces, residence 5 years ago, and, for persons in the labor force, industry and occupation (I & O). Coding instructions and referral procedures generally were the same as those used for U.S. questionnaires. While special, three-digit place codes were developed for the outlying areas and approximately 30 combined categories (e.g., Chamorro-Carolinian) were added to the ethnicity codes, only minor modifications in the standard classification systems for the United States were required for I & O coding.

The questionnaires were microfilmed and processed through the FOSDIC operation, which "read" and produced a machine-readable version of the filled-in circles on the microfilmed questionnaires. One FOSDIC machine was recalibrated to recognize and accept the distinctively located FOSDIC marks on the outlying-areas questionnaires. Diaries were produced and reviewed, and questionnaires requiring further correction were retrieved and referred to clerks for resolution. After a series of machine edits and the application of the imputation procedure, the data file was ready to be run through the computer tabulation programs.

Using modified versions of computer tabulation programs written for U.S. data, the data for the five major outlying areas were processed and sorted to create basic record files. These files were processed with additional computer programs to produce final population and housing counts for each area and its geographic subdivisions, and tabulations of population and housing characteristics in the detail required for publication.

Publication Program

The publication program was similar, though not identical, to that for the United States. (See ch. 8.) For each area, separate reports were issued in Population series PC80-1-A, *Number of Inhabitants*. These reports presented population counts for each area, its principal subdivisions, and places.

For each of the five areas, series PC80-1-B, *General Population Characteristics*, supplied general demographic characteristics for the area, its principal districts or islands, and places.

For the Virgin Islands, PC80-1-C, General Social and Economic Characteristics, and PC80-1-D, Detailed Population Characteristics, were published as separate volumes. For each of the other outlying areas, a combined report entitled Detailed Population Characteristics (PC80-1C/D) was published. These reports contained detailed social and economic information in crosstabular form.

Series HC80-1-A, General Housing Characteristics, presented characteristics of occupied and vacant housing units (primarily focusing on occupancy, plumbing, utilization, and financial characteristics) for the area, its districts or islands, and places.

The data included in series HC80-1-B, *Detailed Housing Characteristics*, also dealt with the characteristics of occupied and vacant housing units but contained additional information on structural characteristics and fuels used. These data were presented for the same levels of geography as those in the preceding series of housing reports.

Because of the uniqueness of the text, front matter, and table elements, these reports required more custom preparation than the State reports. (For a description of the method of composition and release dates of these reports, see chapter 8.)

Summary tape files (STF's) 1A (population counts for several levels of geography with some cross-tabulations by such variables as age, ethnicity, and sex) and 3A (detailed social and economic characteristics) were produced for each area, but STF's 2, 4, and 5 were not. Further information on the creation, processing, and uses of STF files can be found in chapter 8.

COSTS

Expenditures for the 1980 Census of Puerto Rico and the outlying areas totaled \$13,059,000, of which approximately 84 percent was devoted to the Puerto Rico census. These figures include depreciation but exclude all the costs of general administration, other general expense, and capital outlay, which were only partially recorded at the expenditure level. Data collection was by far the largest component cost, accounting for just over 75 percent of the Puerto Rico census and 65 percent of the census of the outlying areas. As one would expect, the bulk of census spending (about 72 percent) took place during 1980, the year most of the data were collected. (For a detailed breakdown of 1980 census costs, see app. B.)

Appendix 11A. Training and Instructor's Kits Assembled for Delivery to Puerto Rico During the 1980 Census

Kit number	Description	Quantity
	Total number of kits	16,230
649A-PR	Regular enumerator training kit	8,810
649-PR	Regular enumerator instructor's kit	810
651A-PR	Followup enumerator training kit	4,410
651-PR	Followup enumerator instructor's kit	410
652A-PR	Followup crew leader training kit	410
652-PR	Followup crew leader instructor's kit	100
655A-PR	Crew leader trainee kit (2 parts)	810
655-PR	Regular crew leader instructor's kit (2 parts)	100
671A-PR	Special place enumerator trainee kit	300
671-PR	Special place enumerator instructor's kit	30
674A-PR	Special place crew leader trainee kit	30
674-PR	Special place crew leader instructor's kit	10

Appendix 11B. Supply Kits Assembled and Shipped to Puerto Rico During the 1980 Census

Kit number	Description	Quantity
	Total number of kits	20,770
25-PR	Crew leader's standard notebook of forms	810
25A-PR	Followup crew leader's standard notebook of forms	410
101-PR	Part 1, General office supplies	9
101-PR	Part 2, Furniture and equipment	8
102-PR	Special office supplies	8
103-PR	Envelopes and labels	9
104-PR	Administrative forms	8
105-PR	"D" series forms	8
549-PR	Regular enumerator's supply kit	8,810
549A-PR	Regular enumerator's supply of questionnaires	8,810
552-PR	Followup crew leader's supply kit	410
555-PR	Crew leader's supply kit	810
571-PR	Special place enumerator's portfolio	300
571A-PR	Special place enumerator's supply of questionnaires	300
572-PR	Special place crew leader's portfolio	30
572A-PR	Special place crew leader's notebook of forms	30

Appendix 11C. Data-Collection Forms Printed and Shipped to Puerto Rico During the 1980 Census

(Spanish language except where noted)

Form number	Description	Quantity
	Total number of forms	4,684,000
D-1-PR	Short questionnaire	2,000,000
D-1E-PR	Short questionnaire (English version)	70,000
D-2-PR	Long (sample) questionnaire	400,000
D-2E-PR	Long questionnaire (English version)	55,000
D-13-PR	Advance census report	1,300,000
D-20-PR	Individual census report (ICR)	375,000
D-20E-PR	Individual census report (English version)	25,000
D-21-PR	Military census report (MCR)	3,000
D-21E-PR	Military census report (English version)	12,000
D-30-PR	Advance notification letter to special places	20,000
D-40-PR	Return envelope for ICR	325,000
D-41-PR	Leave-it envelope for T-night	15,000
D-41E-PR	Leave-it envelope for T-night (English version)	10,000
D-42E-PR	Return envelope for T-night (English version)	25,000
D-43-PR	Leave-it envelope for housing units	9,000
D-45E-PR	Outgoing envelope for D-30-PR (English version)	20,000
D-46-PR	Return envelope for D-30-PR	20,000

Appendix 11D. Selected Data-Collection Forms Printed for the Outlying Areas During the 1980 Census

(Note: Print orders were for approximately 150 percent of estimated needs, to allow for information copies, training, transcription, office distribution, and the like.)

Form number	Description	Quantity
	Total number of forms	393,000
D-80-AS	Long questionnaire (American Samoa)	20,000
D-80-G	Long questionnaire (Guam)	55,000
D-80-NM	Long questionnaire (Northern Mariana Islands)	8,000
D-80-TT	Long questionnaire (Trust Territory)	90,000
D-80-VI	Long questionnaire (Virgin Islands)	70,000
D-20-AS	Individual census report (American Samoa)	8,000
D-20-G	Individual census report (Guam)	34,000
D-20-NM	Individual census report (Northern Mariana Islands)	8,000
D-20-TT	Individual census report (Trust Territory)	50,000
D-20-VI	Individual census report (Guam)	50,000



Appendix A. Organization and Key Personnel

INTRODUCTION

Nearly 300,000 people worked in the 1980 Census of Population and Housing at the peak of its activities. A relatively small staff planned, developed, and supervised the various operations during the decennial census period, July 1, 1973 through September 30, 1983. (A transitional quarter was added in 1976, when the beginning of the Federal fiscal year was changed from July 1 to October 1.)

With the approval of the Department of Commerce, the Census Bureau was reorganized several times, for example from July-October 1979 and in April 1983, to consolidate related functional areas and to provide more comprehensive and unified management of the Bureau's activities. (See figures 1-3.) At those and other times, positions and units were created, renamed, shifted, or abolished, and executive staff members' responsibilities varied. The persons listed are those professional and other key personnel who were substantially involved in planning and conducting the 1980 census, processing the data, and disseminating the results.

This appendix is a directory of the Census Bureau's executive staff, divisions, offices, and key personnel involved in the 1980 census for the decennial census period noted above. Dates are shown for individuals only when their service with a particular unit did not cover the entire period in which the unit was involved in decennial census activities. The appendix also lists members of public advisory committees and other groups outside the Bureau who contributed knowledge and recommendations.

From January 1972 to July 1975, the Commerce Department had an agency called the Social and Economic Statistics Administration (SESA), of which the Census Bureau and the Bureau of Economic Analysis became units. In addition to a layer of administration between the Department and these two agencies, SESA provided both bureaus with such services as personnel, budget, finance, and publication, temporarily taking over those bureaus' service units for that purpose. When SESA was abolished, those units reverted to their respective agencies, which resumed reporting directly to their appropriate Department official, in this case usually the Under Secretary for Economic Affairs. As SESA was not directly involved in the 1980 census planning, its functions are not reflected in this appendix.

EXECUTIVE STAFF

The Director determined policies and directed the Census Bureau's programs, taking into account applicable legislative requirements and the needs of statistical-information users. He was responsible for conducting the Bureau's activities and for coordinating its statistical programs and activities with those of other Federal statistical agencies, with due recognition of the programs developed and regulations issued by the Office of Management and Budget.

Director

C. Louis Kincannon, Acting, from July 1983

Bruce K. Chapman, from Oct. 1981 to July 1983

Daniel B. Levine, Acting, from Jan. 1981 to Sept. 1981 and from May 1979 to July 1979

Vincent P. Barabba, from July 1979 to Jan. 1981 and from Aug. 1973 to Sept. 1976 (Acting, to Aug. 1973)

Robert L. Hagan, Acting, from Apr. 1979 to May 1979 and from Sept. 1976 to Apr. 1977

Manuel D. Plotkin, from June 1977 to Mar. 1979 (Acting, from Apr. 1977 to June 1977)

Staff

Paul J. Burke, Legal Advisor, from Aug. 1974

Carolee Bush, Staff Assistant, from Aug. 1979

Alfred J. Tella, Special Adviser, from Aug. 1973

Jack L. Osborn, Confidential Research Assistant, from Sept. 1974 to Sept. 1975

Harold Webber, Expert for Advertising and Public Relations, from Aug. 1978 to Sept. 1980

Deputy Director

C. Louis Kincannon, from Jan. 1982 Daniel B. Levine, from May 1979 to Jan. 1982 Robert L. Hagan, to May 1979

Staff

Theodore G. Clemence, Senior Advisor, from July 1980; Program and Policy Officer, to Apr. 1976

Sherry L. Courtland, Senior Advisor, from Dec. 1979 to July 1980

Henry J. Husmann, Special Assistant, to July 1974

Barbara W. Milton, Staff Assistant, from Apr. 1979 to Aug. 1981 Richard R. Robinson, Special Assistant, from Oct. 1979 to Mar. 1980

FUTURE SYSTEMS DESIGN STAFF

(transferred from Systems Development Division Jan. 1982)

W. Bruce Ramsay, Chief, from Jan. 1982 to Apr. 1983 (position vacant from Apr. 1983)

Assistant Director for Communications

(established Apr. 1983)

The Assistant Director planned and directed the Bureau's public affairs and promotional activities, provided congressional liaison services, advised the Deputy Director in these activities, and had responsibility for the Data User Services Division, the Public Information Office, and the Congessional Liaison Office.

Stephen R. Tupper, from Apr. 1983

CONGRESSIONAL LIAISON OFFICE

(transferred from the Program and Policy Development Office Apr. 1983)

Emma Moreno, Congressional Liaison Officer, from Apr. 1983

Associate Director for Demographic Fields

The Associate Director for Demographic Fields planned and directed the Bureau's social and demographic statistical programs and advised the Director in these fields. He was responsible for the Demographic Surveys, Housing, Population, and Statistical Methods Divisions, and the Center for Demographic Studies.

William P. Butz, from Dec. 1982 (Acting, from Sept. 1982 to Dec. 1982)

James R. Wetzel, Acting, from Jan. 1982 to Sept. 1982

Meyer Zitter, Acting, from Aug. 1981 to Jan. 1982 (position vacant from May 1981 to Aug. 1981)

George E. Hall, from July 1979 to May 1981 (position vacant from May 1979 to July 1979)

Daniel B. Levine, to May 1979

Staff

Barbara A. Garner, Senior Demographic Advisor, from Nov. 1981 (Demographic Advisor, to Nov. 1981)

Peter A. Bounpane, Senior Demographic Advisor, from Sept 1979 to Nov. 1981

J. Timothy Sprehe, Staff Assistant, from Feb. 1979 to Mar. 1980

Assistant Director for Demographic Censuses

(established Nov. 1974)

The Assistant Director assisted the Associate Director in directing, planning, and coordinating the demographic censuses, and had responsibility for the Decennial Planning and Decennial Operations Divisions.

Peter A. Bounpane, from Nov. 1981 (Acting, from July 1981 to Nov. 1981)

Earle J. Gerson, from Sept. 1979 to June 1981 (Acting, from May 1979 to Sept. 1979)

David L. Kaplan, fron Nov. 1974 to Jan. 1979 (position vacant from Jan. 1979 to May 1979)

Staff

Morton Boisen, Special Assistant, from Aug. 1975 to Oct. 1976

Penelope E. Harvison, Senior Planning Policy Advisor, from May 1983

Henry J. Husmann, Program Manager, from July 1974 to Aug. 1975

Sheldon Rubin, Survey Statistician, from Nov. 1980 to May 1981

Assistant Director for International Programs (established Feb. 1980)

The Assistant Director assisted the Associate Director in directing, planning, and coordinating the international statistical programs, and had responsibility for the Center for International Research and the International Statistical Programs Center.

Robert O. Bartram, from Apr. 1982 (Acting, Feb. 1982 to Apr. 1982)

Meyer Zitter, from Feb. 1980 to Jan. 1982

Associate Director for Information Technology

(abolished Apr. 1983; Associate Director for Electronic Data Processing (EDP) prior to Oct. 1979)

This Associate Director planned and directed programs for EDP operations and techniques, and advised the Director in these matters. He was responsible for the Computer Operations, Systems Support, Systems Development, and Technical Services Division.

Howard N. Hamilton, from Feb. 1983 to Apr. 1983 (Acting, from Jan. 1982 to Feb. 1983)

W. Bruce Ramsay, from June 1978 to Jan. 1982 James. W. Turbitt, Acting, from May 1977 to June 1979 Walter E. Simonson, to May 1977

Staff

Howard Fletcher, Special Assistant for Planning and Analysis, from Oct. 1973 to July 1976

Claggett Jones, Special Assistant, to May 1974

In October 1979 and again in April 1983, names and staffs were changed.	there was a major rearrangement of responsibilit	ies in the EDP area, in which unit
Before October 1979	October 1979 to April 1983	After April 1983
Computer Services Division	Computer Operations Divisions Division	Computer Services Division
Engineering Division	Technical Services Division	Technical Services
Systems Software Division	Systems Support Division	Systems Support Division
EDP Planning and Management Division	Systems Development Division	Abolished

AUTOMATED DATA PROCESSING (ADP) PLANNING STAFF

(established Oct. 1979; transferred to the Computer Operations Division as the ADP Acquisition Staff Oct. 1981)

Richard L. Pauly, Acting Chief, from May 1981 to Oct. 1981 (Assistant Chief for ADP Planning, from Oct. 1979 to Oct. 1981)

Richard B. Tully, Acting Chief, from Mar. 1981 to May 1981 (Assistant Chief for Budget and Special Projects, from Oct. 1979 to Oct. 1981)

James R. Pepal, Chief, from Oct. 1979 to Mar. 1981

COMPUTER PROGRAMMING RESEARCH STAFF (established Aug. 1976; transferred to the Systems Development Division Oct. 1979)

Eli Hellerman, Chief, from Aug. 1976 to Oct. 1979

Associate Director for Management Services

(established Apr. 1983; Associate Director for Administration from July 1979 to Apr. 1983; Associate Director for Administration and Field Operations from Apr. 1976 to July 1979; Associate Director for Field Operations and User Services and Associate Director for Administration from June 1974 to Apr. 1976 [two separate positions]; Associate Director for Data Collection and Processing, to June 1974)

This Associate Director provided administrative management services, with due consideration of those specifically provided by the Department of Commerce, to all components of the Census Bureau; planned and directed programs for electronic data-processing operations and techniques; directed the activities of the Equal EmploymentOpportunity Office; and advised the Director in these fields. Aided by an Assistant Director for Automatic Data Processing and an Assistant Director for Administration, he directed the Administrative Services, Budget, Computer Services, Organization and Management Systems, Personnel, Publications Services, Technical Services, and Systems Support Divisions as of April 1983.

As Associate Director for Administration, he directed the Administrative Services, Budget, Finance, Organization and Management Systems, Personnel, and Publications Services Divisions, and the Equal Opportunity Office from July 1979 to April 1983.

As Associate Director for Administration and Field Operations (Apr. 1976 to July 1979), he directed the Administrative Services, Budget, Data Preparation, Data User Services, Field, Finance, Organization and Management Systems, Personnel, and Publications Services Divisions, the Decennial Processing Staff, and the Equal Employment Opportunity Office.

As Associate Director for Field Operations and User Services and Associate Director for Administration (two separate positions, June 1974 to Apr. 1976), the former directed the Data Preparation, Data User Services, and Field Divisions, and the Decennial Processing Staff; the latter directed the Administrative Services, Budget, Finance, Organization and Management Systems, Personnel, and Publications Services Divisions, and the Equal Employment Opportunity Office.

As Associate Director for Data Collection and Processing, he directed the Data Processing Division to June 1974.

O. Bryant Benton, from Apr. 1983

James D. Lincoln, from July 1979 to Aug. 1982 (position vacant from Aug. 1982 to Apr. 1983)

James W. Turbitt, from July 1974 to June 1979 Paul R. Squires, to June 1974.

EQUAL EMPLOYMENT OPPORTUNITY OFFICE

This office provided guidance and assistance to the Associate Director for Management Services (Associate Director for Administration from June 1979 to Apr. 1983; Director from Sept. 1975 to June 1979) in equal employment opportunity matters.

Charles C. Rodney, Equal Employment Manager (title changed), from May 1981

Ethel Ann Grady, Acting Chief, from Jan. 1981 to May 1981 Russell L. Valentine, Jr., Chief, to Dec. 1980

Assistant Director for Automatic Data Processing (established Apr. 1983; Assistant Director for Computer Services from Oct. 1979 to Apr. 1983; Assistant Director for EDP Operations from Feb. 1978 to Oct. 1979)

The Assistant Director assisted the Associate Director in directing, planning, and coordinating the computer services area.

Howard N. Hamilton, from May 1978 (position vacant from Feb. 1978 to May 1978)

Staff

Larry J. Patin, Supervisory Computer Specialist, to Mar. 1979

Assistant Director for Administration

(established July 1975; abolished July 1979; reestablished Feb. 1981)

The Assistant Director provided the Associate Director with the management assistance necessary to maintain a strong and well integrated management program for the Census Bureau. He assisted in the direction and coordination of all administrative areas within the Bureau.

Clifford J. Parker, from Apr. 1983

O. Bryant Benton, from Nov. 1981 to Apr. 1983 (Acting, from Sept. 1981 to Nov. 1981; position vacant from Feb. 1981 to Sept. 1981)

James. D. Lincoln, from Feb. 1979 to July 1979 (position vacant from Apr. 1976 to Feb. 1979)

James P. Taff, to Apr. 1976

FINANCE STAFF

(Finance Division prior to Apr. 1983)

This staff performed financial analysis, maintained financial accounts, coordinated payroll and leave audits, and prepared financial reports.

William A. Prentice, Acting Chief, from Apr. 1983

Associate Director for Field Operations

(established July 1979; Associate Director for Administration and Field Operations from Apr. 1976 to July 1979; Associate Director for Field Operations and User Services and Associate Director for Administration from June 1974 to Apr. 1976)

This Associate Director planned and directed data-collection and noncomputer-processing operations, and advised the Director in these matters. He was responsible for the Data Preparation, Field, and Geography Divisions, and the Decennial Processing Staff (until it was abolished in Apr. 1983).

Don L. Adams, Acting, from July 1983

Stanley D. Moore, from Mar. 1982 to June 1983 (Acting, from Dec. 1981 to Mar. 1982)

C. Louis Kincannon, Acting, from Aug. 1981 to Nov. 1981

Shirley Kallek, Acting, from July 1981 to Aug. 1981 and from Oct. 1979 to Nov. 1979

Rex L. Pullin, from May 1980 to June 1981 (Acting, from Nov. 1979 to May 1980)

Curtis T. Hill, from July 1979 to Oct. 1979

Assistant Director for Field Operations

(established Apr. 1976; abolished July 1979)

The Assistant Director assisted the Associate Director in directing and coordinating the Data Preparation and Field Divisions and the Decennial Processing Staff.

Curtis T. Hill, from Apr. 1976 to July 1979

Staff

Howard Fletcher, EDP Coordinator, from Sept. 1976 to July 1979

Assistant Director for Processing

(established Feb. 1981; abolished Apr. 1983)

This Assistant Director provided the Associate Director with the processing expertise and management assistance necessary to develop and maintain state-of-the-art processing programs, and coordinated and integrated those programs among the various Bureau divisions.

C. Louis Kincannon, from Aug. 1981 to Jan. 1982 (position vacant from Jan. 1982 to Apr. 1983)

C. Thomas DiNenna, from Mar. 1981 to July 1981

Associate Director for Statistical Standards and Methodology

This Associate Director planned and directed programs relating to the statistical adequacy of proposed collections and the application of appropriate statistical methodology and techniques; carried out long-range studies on the basic problems of measuring social and economic phenomena; provided research and consulting facilities oriented specifically toward psychological and behavioral science factors; and advised the Director in these fields. She/he directed the Center for Survey Methods Research (the Center for Social Science Research from August 1980 to March 1983; the Center for Human Factors Research prior to August 1980), the Research Center for Measurement Methods (merged with Statistical Research Division in August 1980), and the Geography (until the latter part of 1979) and Statistical Research

Barbara A. Bailar, from Oct. 1979 (Acting, from Aug. 1979 to Oct. 1979)

Leon Gilford, Acting, from May 1979 to Aug. 1979

Robert L. Hagan, Acting, from Mar. 1979 to May 1979 and from July 1977 to Oct. 1977

Harold Nisselson, from Oct. 1977 to Feb. 1979 (Acting, from Mar. 1974 to July 1974; Chief Mathematical and Statistical Advisor, from Dec. 1973 to July 1975)

Alva L. Finkner, from July 1974 to July 1977 and to Mar. 1974

Staff

Lawrence H. Cox, Senior Mathematical Statistician, from May 1983

Eli S. Marks, Chief Census Research Technical Advisor, from Apr. 1974 to Dec. 1980

Roger H. Moore, Senior Mathematical Statistician, from Feb. 1983

Kirk M. Wolter, Senior Mathematical Statistician, from Nov. 1980 to May 1983

Assistant Director for Statistical Research

(established Feb. 1981; abolished Apr. 1983; Assistant Director for Statistical Standards and Methodology from July 1975 to Feb. 1978)

This Assistant Director assisted the Associate Director in directing, planning, and coordinating the statistical research activities of the Bureau.

Roger H. Moore, from Mar. 1981 to Feb. 1983 (position vacant from Feb. 1983 to Apr. 1983; also served as Chief of the Statistical Research Division from Mar. 1981 to Feb. 1983)

Harold Nisselson, from July 1975 to Oct. 1977 (position vacant from Oct. 1977 to Feb. 1978)

DIVISIONS AND OFFICES

Administrative Services Division

(transferred from SESA July 1975)

This division secured space, supplies, and equipment; arranged for communications, transportation, and related services; and designed the census questionnaires in conjunction with the decennial subject-matter divisions.

Chief

Robert L. Kirkland, from May 1981 (Acting, from Jan. 1981 to May 1981)

O. Bryant Benton, Acting, from June 1980 to Jan. 1981 Henry J. Husmann, from June 1976 to June 1980 (Acting, from Aug. 1975 to June 1976)

Cecil B. Matthews, to Aug. 1975

Staff

William C. Fanning, Assistant Chief, from July 1981 to Apr. 1984 (position vacant from Aug. 1980 to July 1981)

Daniel L. Levin, Assistant Chief, from Feb. 1979 to Aug. 1980 Robert N. Scheller, Assistant Chief, from Oct. 1976 to Feb. 1979 (position vacant to Oct. 1976)

Albert W. Cosner, Chief, Forms and Mail Management Branch, from Aug. 1977 (Acting, from Feb. 1977 to Aug. 1977)

Gladys Potts, Chief, Forms and Mail Management Branch, to Feb. 1977

Cornelia M. Fisher, Chief, Cold-Type Composing Section, from June 1976

Joyce E. Teague, Chief, Forms/Mail Management Support Services Section, from Mar. 1979

Virginia Calvert, Chief, Forms/Mail Management Support Services Section, from May 1978 to Mar. 1979 (position established May 1978)

Joyce E. Teague, Chief, Forms Section, to Mar. 1979

Budget Division

(transferred from SESA July 1975)

This division performed budget functions that included the preparation of official budget estimates and justifications, and the allocation and control of funds.

Chief

Joseph P. Bellomo, from Sept. 1981 (position vacant from June 1981 to Sept. 1981)

Thomas E. Beck, to June 1981

Center For Surveys Methods Research

(Center for Social Science Research from Aug. 1980 to Apr. 1983; Center for Human Factors Research, from Mar. 1979 to Aug. 1980)

This division provided the Census Bureau with a research and consulting facility oriented specifically to human factors that affect respondent cooperation, the quality of data obtained, and the efficiency of Census Bureau data-collection activities.

Chief

Kent H. Marquis, Chief, from Mar. 1981

Naomi D. Rothwell, Acting, May 1979 to Mar. 1981.

Computer Services Division

(Computer Operations Division from Oct. 1979 to Apr. 1983; Computer Services Division to Oct. 1979)

This division operated and managed the Bureau's electronic computers and related auxiliary equipment; planned and performed associated coordination for data keying, scheduling of computer processing, staging, and tape library services; and provided user services, such as documentation, source-program optimization, programming methodologies, and standards to facilitate the use of the Bureau's automated data processing resources.

Chief

- John E. Halterman, Acting, from Feb. 1983 (Assistant Chief, Operations, from Apr. 1977 to June 1981)
- C. Thomas DiNenna, from July 1981 to Feb. 1983 and from July 1976 to Jan. 1981
- James R. Pepal, Acting, from Mar. 1981 to June 1981 and to July 1976
- Howard N. Hamilton, Acting, from Jan. 1981 to Mar. 1981

Staff

- George M. Bowden, Assistant Chief, Administration, from Oct. 1981
- Joseph J. Sferrella, Assistant Chief, Hardware Support, from Sept. 1981
- James R. Pepal, Assistant Chief, Hardware Support, from June 1981 to Aug. 1981
- Joseph V. Marean, Assistant Chief, Hardware Support, from Feb. 1981 to June 1981 (position transferred from Systems Support Division in Feb. 1981)
- James E. Steed, Assistant Chief, Operations, from Aug. 1981 John E. Halterman, Assistant Chief, Operations, to June 1981 (position vacant from June 1981 to Aug. 1981)
- Norman W. Larsen, Assistant Chief, Software Development, from Aug. 1979 to Oct. 1979 (position established Aug. 1979; abolished Oct. 1979)

Data Preparation Division

This office, located in Jeffersonville, IN, performed precomputer statistical processing for current and special surveys or censuses; provided related administrative and logistics services; exercised such authority in personnel and other management areas as delegated; and administered through its Pittsburg, KS, office a Personal Census Service Branch to furnish information contained in census records, as provided by law, about individuals.

Chief

Don L. Adams, from May 1976

O. Bryant Benton, Jr., from Jan. 1975 to Apr. 1976

Hobert A. Yerkey, to Dec. 1974

Kurt L. G. Legait, Acting Logistics Management Officer, from Jan. 1979 to Apr. 1979 (abolished Apr. 1979; Special Assistant, from Sept. 1973 to July 1976)

A. Reid Steele, Logistics Management Officer, to Jan. 1979

Staff

Patricia M. Clark, Assistant Chief, Operations, from Aug. 1978 to Aug. 1983 (position vacant from May 1978 to Aug. 1978)

- Robert L. Allen, Assistant Chief, Operations, from July 1976 to May 1978 (position vacant from May 1976 to July 1976)
- Don L. Adams, Assistant Chief, Operations, from Jan. 1976 to Apr. 1976 (position vacant from Jan. 1975 to Jan. 1976)
- O. Bryant Benton, Jr., Assistant Chief, Operations, to Dec. 1974
 - George E. Wilson, Chief, Data Systems Branch, from Feb. 1978
 - Fred Jarnagin, Acting Chief, Data Systems Branch, from Dec. 1977 to Feb. 1978
 - Kurt L. G. Legait, Chief, Data Systems Branch, from July 1976 to Dec. 1977; (Acting Chief, from Jan. 1976 to July 1976) Harry C. Meyers, Chief, Data Systems Branch, to Jan. 1976
 - Kurt L.G. Legait, Chief, Support Services Staff, from Apr. 1979 (established Apr. 1979; in June 1983, acquired the Reproduction and Materials Distribution Branch of which he was chief)
 - William L. Pangburn, Chief, Support Services Staff, to Mar. 1979
- Kathern M. Clay, Assistant Chief, Methodology, Procedures, and Quality Control, from June 1977 to Jan. 1980 (position vacant from Jan. 1980 to Nov. 1981, when it was abolished)
 - J. Gary Doyle, Chief, Geography Branch, from Sept. 1980 Rebecca Lamon, Acting Chief, Geography Branch, from Feb. 1980 to Sept. 1980
 - Wendell McManus, Chief, Geography Branch, from June 1976 to Feb. 1980 (Geographic Operations Branch prior to June 1977; Acting Chief, Geographic Operations Branch, from Sept. 1973 to June 1974)
 - Robert W. Marx, Chief, Geographic Operations Branch, from June 1974 to Apr. 1976 (position vacant from Apr. 1976 to June 1976)
 - Jerry L. Hartman, Chief, Management and Procedures Branch, from Apr. 1976 (Management Control Staff prior to June 1977)
 - Eugene Hammer, Chief, Management Control Staff, to Apr. 1976
 - Juanita Jones, Chief, Statistical Methods and Quality Control Branch, from Feb. 1979
 - Kathern Clay, Acting Chief, Statistical Methods and Quality Control Branch, from Aug. 1978 to Feb. 1979
 - Patricia M. Clark, Chief, Statistical Methods and Quality Control Branch, from Sept. 1977 to Aug. 1978 (Quality Control Staff prior to June 1977)
 - Kathern M. Clay, Chief, Quality Control Staff, to Sept. 1977

For decennial processing operations, see under ''Decennial Processing Staff.''

Data User Services Division

(Data User Services Office to July 1974)

Under the direct supervision of the Associate Director for Administration and Field Operations, this division planned, coordinated, and administered a comprehensive data dissemination and user services program to help users identify, acquire, understand, and use Bureau products and services; conducted seminars, workshops, and conferences; prepared user aids and reference materials; promoted Bureau products and services; prepared statistical compendia such as the Statistical Abstract of the United States and its supplements; designed and developed special tabulations and distributable computer programs; served as the focal point for the coordination of requests for data tapes, published and unpublished data, and maps; researched users' needs for statistical products; coordinated the Bureau's regional and other user services programs with State and local governments and other organizations; and coordinated the Bureau's National Services Program as of Oct. 1980.

Chief

Michael G. Garland, from Jan. 1975 (Assistant Chief, from Dec. 1973 to Dec. 1974)

Robert B. Voight, Chief, to Dec. 1974

Staff

Marshall L. Turner, Jr., Assistant Chief, User Services, from Jan. 1980 (position vacant from June 1979 to Jan. 1980)

Warren Glimpse, Assistant Chief, User Services, from June 1977 to June 1979

Forrest B. Williams, Chief, Customer Services Branch, from Oct. 1982 (Acting, from Apr. 1980 to Oct. 1982)

Larry W. Carbaugh, Chief, Customer Services Branch, to Apr. 1980

Larry W. Carbaugh, Chief, State and Regional Programs Staff, from Apr. 1980 (State Data Center Staff prior to Oct. 1980)

Warren G. Glimpse, Acting Chief, State Data Center Staff, from Mar. 1979 to June 1979 (position vacant from June 1979 to Apr. 1980)

Deborah Barrett, Chief, User Training Branch (established Aug. 1975), from Nov. 1978

Warren Glimpse, Acting Chief, User Training Branch, from July 1978 to Nov. 1978

Ann D. Casey, Chief, User Training Branch, from Nov. 1975 to June 1978 (position vacant from Aug. 1975 to Nov. 1975)

Paul T. Zeisset, Assistant Chief, Statistical Reports, from Jan. 1981

William Lerner, Assistant Chief, Statistical Reports, from Aug. 1977 to Aug. 1979 (position vacant from Aug. 1979 to Jan. 1981; consultant, from Aug. 1979 to Nov. 1980; Chief, Statistical Compendia Staff, to Aug. 1977)

Frederick G. Bohme, Chief, Census History Staff, from Sept. 1975

Phyllis Carter, Chief, Census History Staff, to Sept. 1975 Thomas Jones, Demographic Historian, from Sept. 1976

Glenn King, Chief, Statistical Compendia Staff, from Mar. 1980 (Acting, from June 1979 to Mar. 1980)

Helen Teir, Chief, Statistical Compendia Staff, from Aug. 1977 to June 1979

Decennial Census Division

(Demographic Census Staff prior to Mar. 1978)

This division planned, developed, and coordinated overall program planning and direction of decennial censuses; developed overall census budget and time schedules; maintained liaison with other divisions for data needs and associated information and materials; developed and directed publication and other data-dissemination programs; developed census methodology and systems usage; developed processing specifications, instructions, and controls, including computer programming; and organized and conducted pretest research programs.

Chief

Stanley D. Matchett, from Nov. 1982
Peter A. Bounpane, Acting, from Dec. 1980 to Nov. 1982
Gerald J. Post, Acting, from May 1980 to Dec. 1980
Morris Gorinson, Clifton S. Jordan, and Gerald J. Post alternately served as Acting Chief from Feb. 1980 to May 1980
Earle J. Gerson, from July 1978 to Feb. 1980
David L. Kaplan, to July 1978

Clifton S. Jordan, Deputy Chief, Minority Statistics, from Sept. 1975 to Mar. 1980 (abolished Sept. 1981)

Jack Ingram, Deputy Chief, Minority Statistics, from Sept. 1974 to Sept. 1975

William L. Lucas, Senior Minority Program Specialist, from June 1975 to Mar. 1979

Alfred Hawkins, Program Specialist, from Oct. 1977 (Supervisory Community Services Specialist, from Feb. 1976 to Oct. 1977)

Donald R. Dalzell, Chief, Program Planning and Coordination Office, from Aug. 1975

Staff

Rachel F. Brown, Assistant Chief, Program Management, from Aug. 1980

Morris Gorinson, Assistant Chief, Program Management, from Dec. 1976 to Mar. 1980 (Chief, Special Projects Branch, to Dec. 1976)

Dennis W. Stoudt, Chief, Special Projects Branch, from Mar. 1981

Rachel F. Brown, Chief, Special Projects Branch, from Dec. 1976 to Mar. 1981

Irma F. Harahush, Acting Chief, Outlying Areas Branch, from July 1981 (established July 1978)

Carmina F. Young, Chief, Outlying Areas Branch, from July 1978 to July 1981

George E. Hurn II, Chief, Special Census Branch, from Oct. 1975 (established Oct. 1975)

Leonardine M. Leslie, Chief, Budget, Scheduling, and Administrative Office

Roger O. Lepage, Assistant Chief, Electronic Processing

Stephen E. Goldman, Chief, Tabulation and Table Preparation Branch

Judith A. McKay, Chief, Special Projects Branch, from Sept. 1982 (established Aug. 1977)

Howard R. Dennis, Chief, Special Projects Branch, from Aug. 1977 to Sept. 1982

Valerie J. Gregg, Chief, Computer Activities Branch, from June 1983

John R. Garshell, Chief, Computer Activities Branch, from Aug. 1981 to Feb. 1983 (position vacant from Feb. 1983 to June 1983)

Roderick C. Quainton, Chief, Computer Activities Branch, from Aug. 1979 to June 1981 (position vacant from June 1981 to Aug. 1981)

Mark N. Brooks, Chief, Computer Activities Branch, from Sept. 1974 to Mar. 1979 (position vacant from Mar. 1979 to Aug. 1979)

Donald R. Dalzell, Computer Systems Analyst, from Aug. 1975 to Jan. 1978

Gerald J. Post, Assistant Chief, Data Collection and Geography, from Feb. 1975 to Jan. 1981 (position abolished Jan. 1981)

Sheldon A. Rubin, Assistant Chief, Data Preparation, to Nov. 1980 (position abolished Nov. 1980)

Leonard Goldberg, Supervisory Survey Statistician, from Dec. 1978 to June 198l

Florence F. Wright, Supervisory Survey Statistician, to July 1979

Alex E. Listoe, Computer Systems Analyst, from Mar. 1975 to Jan. 1981

Marie G. Argana, Assistant Chief, Data Content and Dissemination, from Jan. 1980 to Jan. 1981 (position abolished Jan. 1981)

Marshall L. Turner, Jr., Assistant Chief, Data Content and Dissemination, from Apr. 1974 to Jan. 1980 (position vacant from Sept. 1973 to Apr. 1974)

Edgar H. Elam, Jr., Supervisory Statistician, Demography, from July 1974

Earle J. Knapp, Jr., Chief, Program Planning and Coordination Office, from Jan. 1981

Decennial Processing Staff

(established Feb. 1978; abolished Mar. 1983)

This staff participated in the planning and implementation of the data-processing program's operating system for the 1980 census through three decentralized data-processing sites, and assured the efficient and timely processing of census data.

Chief

Stanley D. Moore, Acting, from Jan. 1982 to Mar. 1983 Stanley D. Matchett, Acting, from Aug. 1981 to Jan. 1982 James S. Werking, from Mar. 1978 to Aug. 1981

Ronald E. Schwab, Acting Chief, Administrative Systems Branch, from Sept. 1981 to Mar. 1983

Louise P. Welch, Chief, Administrative Systems Branch, from Feb. 1979 to Sept. 1981

Charles H. Hancock, Chief, Administrative Systems Branch, from Feb. 1978 to to Jan. 1979

Jimmie B. Scott, Chief, Quality Assurance and Program Evaluation Branch, from Feb. 1978 to Mar. 1983

Elaine M. Thomas, Chief, Program Coordination and Systems Control Office, from Oct. 1979 to Dec. 1981

Staff

Harry C. O'Haver, Jr., Assistant Chief, Processing Systems, from July 1979 to Oct. 1981

Elaine M. Thomas, Acting Chief, Processing Systems Branch, from June 1981 to Dec. 1981

Albert A. Csellar, Chief, Processing Systems Branch, from Sept. 1979 to June 1981

Harry C. O'Haver, Jr., Chief, Processing Systems Branch, from Feb. 1978 to Sept. 1979

Stuart Lynn, Chief, Automated Data Systems Branch, from July 1978 to Mar. 1983

Shirley W. Roberts, Chief, Training Branch, to Mar. 1982 (branch established Mar. 1979)

DECENNIAL PROCESSING OFFICES (established Feb. 1978; abolished Mar. 1983)

Three decentralized processing offices (which reported to the Decennial Processing Staff) provided administrative and clerical support necessary to process all of the 100-percent and sample data generated from the 1980 Decennial Census, including data review, microfilming, film processing, conversion to FOSDIC (film optical sensing device for input to computers), data coding, and other related processing operations. The three processing offices' workloads were distributed approximately equally on a geographic basis.

New Orleans, LA Processing Office

(opened Feb. 1978; closed Feb. 1982)

Robert L. Allen, Processing Office Manager, from June 1978 to Feb. 1982 (position vacant from Feb. 1978 to June 1978)

Robert L. White, Assistant Manager for Administration, from Oct. 1980 to Feb. 1982

- Paul L. Spitzfaden, Assistant Manager for Administration, from Nov. 1978 to Aug. 1980 (position vacant from Aug. 1980 to Oct. 1980 and from Feb. 1978 to Nov. 1978)
- Robert L. White, Acting Assistant Manager for Operations, from Aug. 1981 to Feb. 1982
- William C. Fanning, Assistant Manager for Operations, from July 1978 to July 1981 (position vacant from Feb. 1978 to July 1978)
 - Raymond V. Spring, Chief, Quality Assurance Branch, from Feb. 1979 to Feb. 1982 (position vacant from Feb. 1978 to Feb. 1979)
 - Earle R. Gullins, Jr., Administrative Officer, Administrative Support Branch, from Aug. 1979 to Feb. 1982 (position vacant from Feb. 1978 to Aug. 1979)
 - Joseph W. Neely, Chief, Training Branch, from Apr. 1980 to Aug. 1981 (position vacant from Feb. 1978 to Apr. 1980 and from Aug. 1981 to Feb. 1982)
 - Charles M. Snyder, Chief, ADP Support Branch, from Aug. 1978 to Feb. 1982 (position vacant from Feb. 1978 to Aug. 1978)
 - John Riemenschneider, Chief, Information Control Branch, from Aug. 1979 to Nov. 1981 (position vacant from Feb. 1978 to Aug. 1979 and from Nov. 1981 to Feb. 1982)
 - Cotty A. Smith, Chief, Coding Operations Branch, from Jan. 1979 to Feb. 1982 (position vacant from Feb. 1978 to Jan. 1979)
 - William H. Mauzey, Chief, General Operations Branch, from Sept. 1978 to Feb. 1982 (position vacant from Feb. 1978 to Sept. 1978)

Laguna Niguel, CA Processing Office (opened Feb. 1978; closed Jan. 1982)

- Robert N. Scheller, Processing Office Manager, from Dec. 1979 to Jan. 1982; Acting, from Sept. 1979 to Dec. 1979
- Leo Schilling, Processing Office Manager, from Dec. 1978 to Sept. 1979 (position vacant from Feb. 1978 to Dec. 1978)
- John E. Forkish, Assistant Manager for Administration, from Sept. 1979 to Feb. 1982
- Robert N. Scheller, Assistant Manager for Administration, from Jan. 1979 to Sept. 1979 (position vacant from Feb. 1978 to Jan. 1979)
- James E. Steed, Assistant Manager for Operations, from Jan. 1979 to June 1981 (position vacant from Feb. 1978 to Jan. 1979 and from June 1981 to Feb. 1982)
 - Arthur H. Yang, Chief, Quality Assurance Branch, from Mar. 1979 to Feb. 1982 (position vacant from Feb. 1978 to Mar. 1979)
 - Alfonso J. Suro, Chief, Administrative Support Branch, from Apr. 1979 to Feb. 1982 (position vacant from Feb. 1978 to Apr. 1979)
 - Jennifer Anderson, Chief, Training Branch, from Apr. 1980 to Feb. 1982 (position vacant from Feb. 1978 to Apr. 1980) Leroy Schulz, Chief, ADP Support Branch, from July 1979 to

- Aug. 1981 (position vacant from Feb. 1978 to July 1979 and from Aug. 1981 to Feb. 1982)
- William H. Dennis, Chief, Information Control Branch, from Apr. 1980 to Feb. 1982
- Nanci L. Warren Schilling, Chief, Information Control Branch, from Apr. 1979 to Apr. 1980 (position vacant from Feb. 1978 to Apr. 1979)
- Melva R. Martin, Chief, Coding Operations Branch, from Sept. 1980 to Feb. 1982 (position vacant from Feb. 1978 to Sept. 1980)
- Leroy Meyer, Chief, General Operations Branch, from Sept. 1980 to Feb. 1982
- Melva R. Martin, Acting Chief, General Operations Branch, from Mar. 1980 to Sept. 1980 (position vacant from Feb. 1978 to Mar. 1980)

Jeffersonville, IN Processing Office (opened Aug. 1978; closed Feb. 1982)

- Judith N. Petty, Acting Processing Office Manager, from Jan. 1981 to Feb. 1982
- Robert L. Kirkland, Processing Office Manager, from Aug. 1978 to Jan. 1981
- Judith N. Petty, Assistant Manager for Administration, from July 1979 to Jan. 1981 (position vacant from Aug. 1978 to July 1979 and from Jan. 1981 to Feb. 1982)
- A. Norris Barringer, Assistant Manager for Operations, from May 1981 to Feb. 1982 (position vacant from Feb. 1981 to May 1981)
- Leonard B. Casanares, Assistant Manager for Operations, from Aug. 1979 to Feb. 1981 (position vacant from Aug. 1978 to Aug. 1979)
 - Mary Ann Arnold, Chief, Quality Assurance Branch, from June 1979 to Feb. 1982 (position vacant from Aug. 1978 to June 1979)
 - Dorris H. Gotham, Administrative Officer, Administrative Support Branch, from Aug. 1978 to Feb. 1982
 - Robert Randolph, Chief, Training Branch, from Apr. 1980 to Oct. 1981 (position vacant from Aug. 1978 to Apr. 1980 and from Oct. 1981 to Feb. 1982)
 - William B. Neely, Chief, Operations Control Branch, from May 1981 to Feb. 1982
 - Don W. Drake, Chief, Operations Control Branch, from July 1979 to May 1981 (position vacant from Aug. 1978 to July 1979)
 - Carolyn Roseman, Acting Chief, Coding Operations Branch, from Oct. 1980 to Feb. 1982
 - Valeria T. Gordon, Chief, Coding Operations Branch, from July 1979 to Oct. 1980 (position vacant from Aug. 1978 to July 1979)

Field Division

This division planned, organized, coordinated, and carried out the Bureau's field data-collection program; maintained and administered a flexible field organization through the regional offices and temporary deployment of field personnel to assure the efficient conduct of data collection at the local level.

Chief

Lawrence T. Love, Jr., from Nov. 1981 (Acting, from Jan. 1981 to Nov. 1981)

Stanley D. Moore, Acting, from Dec. 1980 to Jan. 1981

Arthur G. Dukakis, Acting, from Nov. 1980 to Dec. 1980

Richard C. Burt, Acting, from Aug. 1980 to Nov. 1980 (Chief, from Aug. 1979 to Aug. 1980; Acting, from June 1979 to Aug. 1979; Chief, to Feb. 1976)

Curtis T. Hill, Acting, from Apr. 1979 to June 1979 (Chief, from Feb. 1976 to June 1978)

Forrest P. Cawley, from July 1978 to Apr. 1979

Lincoln H. Steigerwalt, Chief, Training Branch, from Sept. 1976 to May 1978 (divided in May 1978 to form the Training, Planning, and Development Staff and the Current Programs Training Branch)

Darren Althouse, Chief, Training Branch, from May 1975 to Sept. 1976 (position vacant from Feb. 1975 to May 1975) Hilda L. Satterfield, Chief, Training Branch, to Feb. 1975

Staff

George T. Reiner, Assistant Chief, Surveys

David Christopher, Chief, Current Surveys Branch, from May 1979 (position vacant from Feb. 1979 to May 1979)

Marvin L. Postma, Chief, Current Surveys Branch, from July 1975 to Feb. 1979 (Demographic Current Surveys Branch prior to July 1975)

Lincoln H. Steigerwalt, Chief, Demographic Current Surveys Branch, to July 1975

Howard Beattie, Chief, Housing and Health Statistics Branch, from Jan. 1979 (established Jan. 1979)

Stanley D. Matchett, Assistant Chief, Decennial Census Operations, from Sept. 1973 to Oct. 1981 (position vacant from July 1973 to Sept. 1973; abolished Oct. 1981)

C. Kemble Worley, Chief, Operations Planning Staff, from Mar. 1979

John E. Reeder, Chief, Operations Planning Staff, from Nov. 1975 to Mar. 1979

Kathleen Ludgate, Chief, Community Services Staff, from Jan. 1981 (position vacant from Oct. 1980 to Jan. 1981)

Samuel H. Johnson, Chief, Community Services Staff, from Nov. 1977 to Oct. 1980 (position vacant from July 1976 to Nov. 1977)

Alfred Hawkins, Chief, Community Services Staff, to July 1976

Lincoln Steigerwalt, Chief, Training, Planning, and Development Staff, from May 1978 to Jan. 1981 (established May 1978; abolished Jan. 1981)

Michael Y. F. Chen, Chief, Administrative Planning Staff, from Jan. 1979 to Oct. 1981 (abolished Oct. 1981)

Howard Beattie, Chief, Administrative Planning Staff, from Jan. 1977 to Jan. 1979

D. Ross Forbes, Chief, Administrative Planning Staff, from May 1976 to Jan. 1977 (position established May 1976)

Leo C. Schilling, Assistant Chief, Demographic Programs, to Oct. 1978

Richard F. Blass, Assistant Chief, Research and Methodology, from Oct. 1981 (Chief, Field Methods Research Branch, from Mar. 1977)

Lawrence T. Love, Jr., Assistant Chief, Research and Methodology, to Oct. 1981

Marcia Thessin, Chief, Field Methods Research Branch, from Feb. 1976 to Nov. 1978 (position established Feb. 1976; abolished Nov. 1978)

REGIONAL OFFICES

(The directors of these offices were responsible directly to the chief of the Field Division)

Atlanta, GA

Director

Forrest P. Cawley, from Apr. 1979 (position vacant from Feb. 1979 to Apr. 1979)

Thomas W. McWhirter, to Feb. 1979

Staff

John A. Kazmaier, Jr., Assistant Director, from Jan. 1981 to May 1983 (position vacant from May 1983)

James Avore, Assistant Director, to Jan. 1981

Stephanye Williams-Profit, Community Services Representative, from July 1977 to Jan. 1982

Boston, MA

Director

Arthur B. Dukakis

Staff

Leo J. Kearns, Assistant Director, from Jan. 1981 George H. Cotto, Assistant Director, from July 1979 to Jan. 1981 George T. Reiner, Assistant Director, from Apr. 1977 to July 1979 (position vacant from Oct. 1976 to Apr. 1977)

James L. Johnson, Assistant Director, to Oct. 1976

Andrew Stith, Community Services Representative, from Aug. 1976 to Nov. 1982

Charlotte, NC

Director

Joseph S. Harris, from June 1981 (Acting, from Jan. 1981 to June 1981)

Joseph R. Norwood, Jr., to Jan. 1981

Staff

John E. Bell, Assistant Director, from Sept. 1981 and from Feb. 1979 to Nov. 1980 (position vacant from June 1981 to Sept. 1981)

Joseph S. Harris, Assistant Director, from Nov. 1980 to June 1981 and to Feb. 1979

Bernard Douglas, Community Services Representative, from Apr. 1976 to July 1981

Chicago, IL

Director

Stanley D. Moore, from June 1983, and from Aug. 1976 to Mar. 1982

Forrest P. Cawley, Jr., to Aug. 1976

Staff

James L. Johnson, Assistant Director, from Jan. 1981 and from Oct. 1976 to Feb. 1979 (position vacant from Feb. 1979 to June 1979 and from Aug. 1976 to Oct. 1976)

Dwight P. Dean, Assistant Director, from June 1979 to Jan. 1981

Stanley D. Moore, Assistant Director, to Aug. 1976

Mary Grady, Community Services Representative, from May 1975 to May 1982

Dallas, TX

Director

John E. Reeder, Jr., from Oct. 1980 (Acting, from Aug. 1980 to Oct. 1980)

Percy B. Millard, to Aug. 1980

Staff

Bennie Daniels, Assistant Director, from Sept. 1980 Eugene T. Flynn, Assistant Director, to Sept. 1980 David Buentello, Community Services Representative, from Nov. 1976

Denver, CO

Director

William F. Adams, from June 1981 (Acting, from Feb. 1981 to June 1981)

Leo C. Schilling, from Dec. 1979 to Feb. 1981 (Acting, from Sept. 1979 to Dec. 1979)

Richard C. Burt, from Feb. 1976 to Aug. 1979 Walter A. Freeman, to Jan. 1976

Staff

Dean C. Schroeder, Assistant Director, from Jan. 1982 William F. Adams, Assistant Director, to Jan. 1982

Simon Cardenas, Community Services Representative, from Nov. 1976

Detroit, MI

Director

Robert G. McWilliam

Staff

Robert J. Peterson, Assistant Director

Margaret Greely, Community Services Representative, from May 1975 to July 1982

Kansas City, KS

Director

Marvin L. Postma, from June 1980 (Acting, from Jan. 1980 to June 1980)

Rex L. Pullin, to Nov. 1979 (position vacant from Nov. 1979 to Jan. 1980)

Staff

Stephen T. Mann, Assistant Director, from Oct. 1980 Gene Bremer, Assistant Director, to Oct. 1980

Bernard Arzu, Community Services Representative, from May 1979 to Sept. 1982

Los Angeles, CA

Director

Dwight P. Dean, from July 1982 (Acting, from May 1982 to July 1982)

John E. Reeder, Jr., Acting, from Jan. 1982 to May 1982 C. Michael Long, to Jan. 1982

Staff

James F. Holmes, Acting Assistant Director, from July 1982 to Feb. 1983 (position vacant from Feb. 1983 and from Jan. 1982 to July 1982)

Dean C. Schroeder, Assistant Director, to Jan. 1982

John Hernandez, Community Services Representative, Dec. 1978 to Oct. 1982

New York, NY

Director

William Hill, from Mar. 1980 (Acting, from Jan. 1980 to Mar. 1980)

John C. Cullinane, to Jan. 1980

Staff

John A. Kazmaier, Jr., Assistant Director, from May 1983 Richard L. Bitzer, Assistant Director, from July 1980 to May 1983 (position vacant from Jan. 1980 to July 1980) William Hill, Assistant Director, to Jan. 1980

Gene Flynn, Community Services Representative, from Nov. 1976

Philadelphia, PA

Director

James F. Holmes, from Mar. 1983 (Acting, from Feb. 1983 to Mar. 1983)

John Bell, Acting, from Sept. 1982 to Feb. 1983 John H. Kuntz, Acting, from June 1981 to Sept. 1982 Porter S. Rickley, to June 1981

Staff

John H. Kuntz, Assistant Director, from Aug. 1976 to Apr. 1982 (position vacant from Apr. 1982)

John J. Rodden, Assistant Director, to June 1976 (position vacant from July 1976 to Aug. 1976)

Shirley Washington, Community Services Representative, from Mar. 1979 to July 1983

Seattle, WA

Director

Leo C. Schilling, from Feb. 1981 John E. Tharaldson, to Jan. 1981

Staff

Dannie L. Martin, Assistant Director

Joel Villalobos, Community Services Representative, from Nov. 1976

Finance Division

(transferred to the Assistant Director for Administration Apr. 1983; transferred from SESA to the Census Bureau July 1975)

This division performed financial analysis, maintained financial accounts, coordinated payroll and leave audits, prepared financial reports, and developed and implemented accounting and payroll systems.

Chief

William A. Prentice, to Apr. 1983

Staff

Linda J. Vacheresse, Chief, Systems Accounting Staff, from July 1975 to Apr. 1983

Russell Price, Chief, General Accounting Branch, from Oct. 1980 to Apr. 1983 (position vacant from May 1980 to Oct. 1980)

Carl H. White, Chief, General Accounting Branch, to May 1980

Geography Division

This division planned, coordinated, and administered those geographic services needed to facilitate the Bureau's data-collection program; developed computer programs, systems, methods, and procedures for the cartographic and geographic operations; developed and implemented a nationwide program to maintain and update geographic base files; conducted research into geographic concepts and methods; developed plans for the establishment of geographic statistical areas of the United States; and prepared density and other specialized maps and geographic reports for publication.

Chief

Robert W. Marx, from Apr. 1983 (Acting, from Mar 1983 to Apr. 1983, from Dec. 1982 to Jan. 1983, and from July 1980 to Dec. 1980)

Joseph J. Knott, Acting, from Jan. 1983 to Mar. 1983

Silla G. Tomasi, Acting, from Nov. 1982 to Dec. 1982 and from Dec. 1980 to Jan. 1981

Stanley D. Matchett, from Nov. 198l to Nov. 1982 (Acting, from Jan. 1981 to Nov. 1981)

Gerald F. Cranford, Acting, from June 1980 to July 1980

Jacob Silver, from Jan. 1976 to June 1980

Morton M. Meyer, to Jan. 1976

Robert E. Durland, Geographer, Special Staff, from Feb. 1983 (International Geotechnology, from Aug. 1975 to Feb. 1983)

Danny E. Jones, Cartographic Production Specialist, from Feb. 1983

Gloria B. Campbell, Administrative Officer, from Jan. 1980 Russell R. Clements, Administrative Officer, to Jan. 1980

Staff

Silla G. Tomasi, Assistant Chief, Operations, from Jan. 1976 Jacob Silver, Assistant Chief, Operations, from July 1974 to Jan. 1976

Gerald J. Post, Assistant Chief, Operations, to July 1974

Donald I. Hirschfeld, Chief, Geographic Assistance Staff, from Feb. 1983 (staff established Feb. 1983; Special Assistant [Geographic Reference and Assistance], from Jan. 1976)

Frederick R. Broome, Chief, Mapping Operations Branch, from Feb. 1983 (Cartographic Methods Branch prior to Feb. 1983) Danny E. Jones, Chief, Cartographic Methods Branch, from

Jan. 1976 to Feb. 1983 Ross E. Vaughn, Chief, Cartographic Methods Branch, to Dec. 1975

Dan N. Harding, Chief, Geocoding Operations Branch, from Aug. 1976 (Methodology, Technical Evaluation and Quality Control Branch prior to Feb. 1983)

David Cristy, Chief, Methodology, Technical Evaluation, and Quality Control Branch, from Sept. 1974 to Aug. 1976

Silla G. Tomasi, Chief, Methodology, Technical Evaluation, and Quality Control Branch, to Aug. 1974

Zigmund Decker, Chief, Geographic Area Coding Systems Branch, to Mar. 1974 (position vacant from Mar. 1974 to June 1974; abolished June 1974)

Joseph J. Knott, Assistant Chief, Planning, from Apr. 1983 (Geographic Areas prior to Feb. 1983; position vacant from Feb. 1983 to Apr. 1983)

Robert W. Marx, Assistant Chief, Geographic Areas, from Apr. 1976 to Feb. 1983 (position vacant from Jan. 1976 to Apr. 1976)

Alice Winterfeld, Chief, Geographic Areas Branch, from Aug. 1976 (Geographic Statistical Areas Branch prior to Feb. 1983)

Richard H. Schweitzer, Jr., Chief, Geographic Statistical Areas Branch, to July 1976

Joel Sobel, Chief, Geographic Base Development Branch, from July 1983 (established Feb. 1983; position vacant from Feb. 1983 to July 1983)

Robert A. LaMacchia, Chief, Geographic Planning Staff, from Feb. 1983 (established Feb. 1983; Chief, Geographic Base Development Branch, to Feb. 1983; abolished Feb. 1983) Jacob Silver, Chief, Program Development Branch, to July 1974

Jerome M. Glynn, Assistant Chief, Geoprocessing, from Sept. 1983 (position vacant from Apr. 1983 to Sept. 1983)

Joseph J. Knott, Assistant Chief, Geoprocessing, from June 1981 to Apr. 1983 (position vacant from Jan. 1981 to June 1981)

Gerald F. Cranford, Assistant Chief, Geoprocessing, from May 1976 to Jan. 1981

Terence D. McDowell, Chief, Census and Current Surveys Coding Systems Branch, from Aug. 1975 (renamed TIGER Systems Staff, Feb. 1983)

Roy F. Borgstede, Chief, Computer Graphics Branch, from July 1983 (position vacant from Feb. 1983 to July 1983; renamed Geographic Files Branch, Feb. 1983)

Frederick R. Broome, Chief, Computer Graphics Branch, from Aug. 1975 to Feb. 1983 (position vacant from Feb. 1983 to July 1983; abolished July 1983)

Richard W. Trois, Chief, Geographic Base File/Dual Independent Map Encoding (GBF/DIME) Special Systems Coding Branch, from July 1976 (renamed Applications Software Branch, Feb. 1983)

Assistant Chief, Research and Development, Vacant, to Aug. 1975 (abolished Aug. 1975)

Robert E. Durland, Chief, Technical Evaluation and Analysis Branch, to Aug. 1975 (abolished Aug. 1975)

Housing Division

This division formulated and developed overall plans and programs for the collection, processing, and dissemination of statistical data from two 1980 Decennial Census surveys: Residential Finance and Components of Inventory Change; and prepared special analytical reports, monographs, and special studies. The Housing Market and Special Surveys Branch was responsible for the former survey and the Current Surveys Branch for the latter.

Chief

Arthur F. Young

Staff

Leonard J. Norry, Assistant Chief, from July 1975 Aaron Josowitz, Assistant Chief, to July 1975

Edward D. Montfort, Chief, Current Surveys Branch, from June 1978

Elmo E. Beach, Chief, Current Surveys Branch, from Sept. 1973 to June 1978 (branch established Sept. 1973)

Peter J. Fronczek, Chief, Housing Market and Special Surveys Branch, from July 1981 (position vacant from Aug. 1980 to July 1981) Betty E. Kent, Chief, Housing Market and Special Surveys Branch, from Sept. 1973 to Aug. 1980 (established Sept. 1973)

Organization and Management Services Division

(transferred from SESA in 1975 as Management and Organization Division; Management Information Systems Staff and the Management and Organization Division were combined into Organization and Management Systems Division, Apr. 1976)

This division planned and conducted management analysis and support functions, including the carrying out of organizational improvement studies, maintenance and control of the Bureau's integrated administrative data base, systems designs and inspection, and other management analysis and research.

Chief

Michael S. McKay, from Feb. 1982 (Acting from Sept. 1981 to Feb. 1982)

O. Bryant Benton, from June 1976 to Sept. 1981

F. Dale Ferrar, Acting, from July 1975 to June 1976

M. Douglas Fahey, to July 1975

Staff

Michael S. McKay, Assistant Chief, from July 1976 to Feb. 1982 (position established July 1976; abolished Feb. 1982)

Personnel Division

(transferred from SESA July 1975)

This division provided personnel management services, which included position classification and pay administration, recruitment and employment, employee relations and services, and related personnel operations.

Chief

David P. Warner, from Dec. 1980 George M. Bowden, to Dec. 1980

Staff

Russell L. Valentine, Jr., Assistant Chief, from Dec. 1980 (position vacant from Sept. 1977 to Dec. 1980)

Donald L. Fay, Assistant Chief, to Sept. 1977

Population Division

This division formulated and developed overall plans and programs for the collection, processing, and dissemination of statistical data from special and current surveys and censuses; prepared estimates and projections of the population; planned

and developed systems and prepared computer programs for the processing of population data on electronic data-processing equipment; and conducted special studies and published analytical reports and monographs.

Chief

Roger A. Herriot, from Oct. 1980 Meyer Zitter, to Oct. 1980

Staff

Joseph J. Knott, Chief, Revenue Sharing and Administrative Records Staff, from Feb. 1975 to May 1981

Jerome M. Glynn, Chief, Computer Applications and Processing Staff, to Sept. 1983 (position established July 1973)

Jeffrey S. Passel, Chief, Population Analysis Staff, from Jan. 1982

Jacob Siegel, Chief, Population Analysis Staff, from June 1981 to Jan. 1982

Paul C. Glick, Chief, Population Analysis Staff, to June 1981

Paula J. Schneider, Chief, Census Program Staff, from July 1978

Arthur J. Norton, Assistant Chief, Demographic and Social Stratification Program, from Jan. 1980 (position vacant from Oct. 1979 to Jan. 1980)

Charles E. Johnson, Jr., Assistant Chief, Demographic and Social Stratification Program, to Oct. 1979

Robert Speaker, Chief, Population Distribution Branch, from June 1979 (position vacant from Jan. 1979 to June 1979) Richard Forstall, Chief, Population Distribution Branch, from Mar. 1974 to Jan. 1979

Charles Brinkman, Chief, Population Distribution Branch, to Mar. 1974

Paul Siegel, Chief, Education and Social Stratification Branch, from Sept. 1980 (position vacant from Nov. 1979 to Sept. 1980)

Larry E. Suter, Chief, Education and Social Stratification Branch, to Nov. 1979

Martin O'Connell, Chief, Fertility Statistics Branch, from Feb. 1981 (position vacant from May 1980 to Feb. 1981)

Maurice J. Moore, Chief, Fertility Statistics Branch, from Sept. 1975 to May 1980 (position vacant from July 1975 to Sept. 1975)

Wilson Grabill, Chief, Fertility Statistics Branch, to July 1975

James Weed, Chief, Marriage and Family Statistics Branch, from Sept. 1980 (position vacant from Jan. 1980 to Sept. 1980)

Arthur J. Norton, Chief, Marriage and Family Statistics Branch, from June 1974 to Jan. 1980 (branch established June 1974)

Philip N. Fulton, Chief, Journey to Work and Migration Statistics Branch, from Apr. 1978 (established Apr. 1978)

Richard A. Engels, Assistant Chief, Estimates and Projections, from Nov. 1975

Meyer Zitter, Assistant Chief, Estimates and Projections, to Nov. 1975

Donald E. Starsinic, Chief, National and State Population Estimates Branch

Fred Cavanaugh, Chief, Local Area Population Estimates Branch, from July 1976 (established July 1976)

John Long, Chief, Population Projections Branch, from June 1977

Campbell Gibson, Chief, Population Projections Branch, to June 1977

Nampeo R. McKenney, Assistant Chief, Ethnic and Racial Statistics, from Sept. 1975 (established Sept. 1975)

Patricia Berman, Chief, Racial Statistics Branch, from Oct. 1979 (Racial Staff prior to Oct. 1979)

Nampeo McKenney, Acting Chief, Racial Staff, from Sept. 1975 to Oct. 1979 (Chief, to Sept. 1975)

Edward Fernandez, Chief, Ethnic and Spanish Statistics Branch, from Sept. 1975 (branch established Sept. 1975; Special Assistant, Spanish Staff, to Sept. 1975)

Gordon W. Green, Assistant Chief, Socioeconomic Statistics, from Dec. 1980

Roger A. Herriot, Assistant Chief, Socioeconomic Statistics, from Jan. 1978 to Dec. 1980

Murray S. Weitzman, Assistant Chief, Socioeconomic Statistics, to Jan. 1978

John Coder, Chief, Family and Individual Income Statistics Branch, from Jan. 1981

Gordon W. Green, Chief, Family and Individual Income Statistics Branch, from May 1978 to Dec. 1980 (merged with Income Survey Development Program in Dec. 1980)

Roger A. Herriot, Chief, Family and Individual Income Statistics Branch, from May 1974 to Dec. 1977 (position vacant from Feb. 1974 to May 1974)

Mitsuo Ono, Chief, Family and Individual Income Statistics Branch, to Feb. 1974

Thomas Scopp, Chief, Labor Force Statistics Branch, from July 1978

Paula J. Schneider, Chief, Labor Force Statistics Branch, from Nov. 1974 to July 1978

C. Louis Kincannon, Chief, Labor Force Statistics Branch, to Nov. 1974

John W. McNeil, Chief, Poverty and Wealth Statistics Branch

Program and Policy Development Office

(Merged with the Congressional Liaison Office and established as a separate unit Apr. 1976)

In consultation with the Director's office, this unit assisted in the overall planning and evaluation of Bureauwide programs; reviewed and evaluated program accomplishments in relation to plans; served as the focal point for determining and assessing goals and long-range policy and resource plans for the Bureau's census activities; and served as the primary point of coordination on such activities with the Congress in collaboration with the Departmental Office of Congressional Affairs.

Chief

Sherry L. Courtland, from July 1980 Theodore G. Clemence, from Apr. 1976 to July 1980

Staff

Sherry L. Courtland, Assistant Chief, from July 1976 to Dec. 1979

Penelope E. Harvison, Congressional Liaison Officer, from July 1976

Mark F. Ferber, Congressional Affairs Advisor, from June 1978 to June 1983

Public Information Office

This office directed the information, publicity, and pressrelations programs for the censuses, including preparation and dissemination of press releases and articles to general and specialized news media, and provided other assistance to news representatives.

Chief

C. Louis Kincannon, Acting, from Jan. 1982

Daniel B. Levine, Acting, from June 1981 to Jan. 1982

Henry H. Smith, from Dec. 1975 to June 1981 (Acting, Oct. 1974 to Dec. 1975)

John J. Casserly, to Oct. 1974

Staff

Eugene M. Cagle, Assistant Chief, from Jan. 1976 Henry H. Smith, Assistant Chief, to Dec. 1975

Publications Services Division

(transferred from SESA July 1975)

This division provided publication, printing, and graphic art services, including publications design and distribution planning and control.

Chief

Raymond J. Koski

Staff

Wayne H. Massey, Special Assistant to the Chief, from Dec. 1979 (position established Dec. 1979)

Arlene C. Duckett, Chief, Publications Composition Branch, from Dec. 1979

Wayne H. Massey, Chief, Publications Composition Branch, to Dec. 1979

Milton S. Andersen, Chief, Printing Branch

Gerald A. Mann, Chief, Publications Planning and Graphics Branch

Statistical Methods Division

This division developed, implemented, and coordinated the application of mathematical statistical techniques in the design and conduct of statistical programs in the demographic fields.

Chief

Charles D. Jones, Chief, from May 1976 (Acting, from Dec. 1975 to May 1976)

Morton Boisen, Chief, to Dec. 1975

Staff

Robert E. Fay, Staff Assistant, from Mar. 1978
Jimmie B. Scott, Staff Assistant, from Mar. 1982
Hans J. Muller, Staff Assistant, from June 1975 to Sept. 1981
Herman H. Fasteau, Staff Assistant, from Jan. 1975 to Dec.
1975

Robert T. O'Reagan, Assistant Chief, Systems and Procedures, from Jan. 1975

Herman H. Fasteau, Assistant Chief, Systems and Procedures, to Dec. 1974

John J. Paletta, Chief, Sampling Procedures Branch, from Nov. 1978 (position vacant from July 1978 to Nov. 1978) Irene C. Montie, Chief, Sampling Procedures Branch, to July 1978

Leonard R. Baer, Chief, Sampling Systems Branch, from July 1975

Jude J. Klein, Chief, Sampling Systems Branch, to June 1975

David H. Diskin, Chief, Programming and Computer Systems Branch, from June 1975 (position vacant from Apr. 1974 to June 1975)

William T. Alsbrooks, Chief, Programming and Computer Systems Branch, to Apr. 1974

John S. Linebarger, Chief, Operations Analysis and Quality Control Branch, from July 1976 (position vacant from May 1976 to July 1976)

Carl J. Bostrom, Chief, Operations Analysis and Quality Control Branch, from Mar. 1975 to May 1976 (position vacant from Jan. 1975 to Mar. 1975)

Robert T. O'Reagan, Chief, Operations Analysis and Quality Control Branch, to Jan. 1975

David V. Bateman, Assistant Chief, Methods and Development, from Nov. 1979 to Sept. 1981 (position vacant from Sept. 1981 and from May 1976 to Nov. 1979)

Charles D. Jones, Assistant Chief, Methods and Development, to May 1976

Charles D. Cowan, Chief, Survey Design Branch, from Nov. 1978 to Apr. 1983 (position vacant from Apr. 1978 to Nov. 1978)

O. Stanley Cullimore, Chief, Survey Design Branch, to Apr. 1978

Paul J. Bettin, Chief, Response Variance Studies Branch, from Feb. 1982

Paul P. Biemer, Chief, Response Variance Studies Branch, from Mar. 1980 to Jan. 1982 (position established Mar. 1980)

Susan M. Miskura, Assistant Chief, Census Programs, from Dec. 1979 (position vacant from Sept. 1979 to Dec. 1979)

Peter A. Bounpane, Assistant Chief, Census Programs, from May 1976 to Sept. 1979 (position established May 1976)

James L. Dinwiddie, Chief, Census Surveys Branch, from May 1980 (position vacant from Dec. 1979 to May 1980)

Susan M. Miskura, Chief, Census Surveys Branch, from Nov. 1976 to Dec. 1979 (branch established Aug. 1976; vacant from Aug. 1976 to Nov. 1976)

Henry F. Woltman, Chief, Census Operations Branch, from Dec. 1979 (position vacant from July 1978 to Dec. 1979) David W. Chapman, Chief, Census Operations Branch, from Nov. 1977 to July 1978

Susan M. Miskura, Acting Chief, Census Operations Branch, from Aug. 1976 to Nov. 1977 (position established Aug. 1976)

Peter A. Bounpane, Chief, Census Branch, from May 1975 to May 1976 (position vacant from May 1976 to Sept. 1976; abolished Sept. 1976)

Statistical Research Division

This division developed and evaluated statistical and other quantitative methods for use in the 1980 census program, ensured that these methods were theoretically and operationally sound, and fostered and monitored their use.

Chief

Kirk M. Wolter, from May 1983

James L. O'Brien and Myron J. Katzoff alternately served as Acting Chief from Mar. 1983 to May 1983

Roger H. Moore, from May 1980 to Feb. 1983

James L. O'Brien, Acting, from Oct. 1977 to May 1980 (Special Advisor to the Chief, from Apr. 1982)

Harold Nisselson, from July 1975 to Oct. 1977 (Acting, from Jan. 1975 to July 1975)

Ralph S. Woodruff, to Dec. 1974

Zigmund F. Krivitsky, Principal Researcher, Mathematical Statistical Programming Staff, from Mar. 1975

George M. Heller, Principal Researcher, Mathematical Statistical Programming Staff, to Mar. 1975

Staff

Kirk M. Wolter, Assistant Chief, Statistical Research, from Dec. 1978 to Nov. 1980

Naomi D. Rothwell, Principal Researcher, Response Research Staff, to May 1979

Paul P. Biemer, Assistant Chief for Mathematics and Statistical Data Analysis, from May 1983

Lawrence H. Cox, Assistant Chief for Mathematics and Statistical Data Analysis, from Apr. 1982 to May 1983

James L. O'Brien, Assistant Chief for Mathematics and Statistical Data Analysis, from Oct. 1977 to Apr. 1982 (position established Oct. 1977)

Matthew Jaro, Principal Researcher, Programming Languages Research Staff, from Oct. 1977 to Jan. 1981 (position vacant from Jan. 1981 to Apr. 1982; abolished Apr. 1982)

Marvin S. White, Principal Researcher, Application Mathematics Research Staff, from Sept. 1980 to Apr. 1982 (staff abolished Apr. 1982)

Lawrence H. Cox, Principal Researcher, Application Mathematics Research Staff, from Jan. 1977 to Sept. 1980

Beverley D. Causey, Principal Researcher, Mathematical Statistical Research Staff, from Aug. 1973 and to Apr. 1982 (position abolished Apr. 1982)

Myron J. Katzoff, Assistant Chief for Mathematical Statistics and Sampling Techniques, from Apr. 1982 (Assistant Chief for Statistical Research, from June 1974 to Apr. 1982; position abolished Apr. 1982)

Leroy Bailey, Principal Researcher, Mathematical Statistical Research Staff, from Aug. 1980 to Apr. 1982

Cary T. Isaki, Principal Researcher, Sampling and Survey Research Staff

David W. Chapman, Principal Researcher, Sampling and Survey Research Staff, from July 1978 (Supervisory Mathematical Statistician, from Dec. 1976 to Nov. 1977)

James L. O'Brien, Assistant Chief, Operations Research, to Oct. 1977 (position abolished Oct. 1977 and function transferred to Assistant Chief for Mathematics and Statistical Data Analysis)

Maxwell D. Jeane, Principal Researcher, Operations and Quality Control Research Staff, from June 1977 to Apr. 1982 (position abolished Apr. 1982)

Systems Development Division

(established Oct. 1979; abolished Apr. 1983)

This division planned and developed general-purpose applications of new technology to the solution of Bureau problems; researched new programming languages and techniques; and conducted research and development concerned with requirements for new technology and future systems designs for various Bureau programs.

Chief

Larry J. Patin, Acting, from Mar. 1982 to Apr. 1983 Judy M. Bedell, from Oct. 1979 to Mar. 1982

Staff

Lynn A. Hollabaugh, Acting Assistant Chief, Applied Technology, from Nov. 1981 to Feb. 1982 (position vacant from Feb. 1982 to Apr. 1983)

John Jerry Bell, Assistant Chief, Applied Technology, from Dec. 1979 to Nov. 1981 (position vacant from Oct. 1979 to Dec. 1979)

Samuel Thompkins, Acting Assistant Chief, Computer Sciences, from May 1980 to Aug. 1981 (position vacant from Aug. 1981 to Apr. 1983)

William T. Alsbrooks, Assistant Chief, Computer Sciences, from Oct. 1979 to Apr. 1980

Systems Support Division

(established Oct. 1979)

This division planned for and provided the activities required to maintain the Bureau's computers, communication facilities, and auxiliary hardware at required levels of operating effectiveness; and developed, modified, and maintained operations support software at performance levels necessary to process the population and housing census and meet other Bureau objectives.

Chief

Larry J. Patin, from Oct. 1979

Staff

John Jerry Bell, Assistant Chief, User Support, from Nov. 1981

Joseph V. Marean, Assistant Chief, Hardware Support, from Oct. 1979 to Feb. 1981 (position and hardware-maintenance function transferred to the Computer Services Division Feb. 1981)

B. Thomas Taylor, Assistant Chief, Software Support, from Nov. 1979

Technical Services Division

(established Oct. 1979)

This division planned and performed engineering services, including research, development, and maintenance, to provide and support electromechanical and electronic equipment required for automated document handling and data capture; and devised solutions to data communication problems.

Chief

C. Thomas DiNenna, Acting, from May 1982

Robert E. Joseph, from Sept. 1981 to May 1982 (Acting, from June 1981 to Sept. 1981)

McRae Anderson, from Oct. 1979 to June 1981

Staff

Robert E. Joseph, Assistant Chief, from Oct. 1979 to Sept. 1981 (position vacant from Sept. 1981)

PUBLIC ADVISORY COMMITTEES

A public advisory committee is any group of persons—not composed wholly of officers or employees of the Federal Government—that is organized under governmental authority for the purpose of obtaining advice, recommendations, or other types of assistance. During the 1980 Decennial Census period (July 1, 1973-September 30, 1983), the Census Bureau had 11 public advisory committees responsible to the Director, the membership of which was made up of wholly of non-Bureau employees. All of these committees were concerned with one or more aspects of the 1980 Decennial Census and they were composed mainly of professional experts from the business, academic, and demographic communities. They made recommendations concerning the scope, content, methodology, and proposed tabulations and publications for the census. They also provided other recommendations to help the Bureau ensure that the censuses would

provide accurate, meaningful data. Representation on these bodies changed during the census period, and several committee members served on other Census Bureau advisory groups either simultaneously or at different times.

These committees operated under provisions of the Federal Advisory Committee Act, which went into effect January 5, 1973. This act provided that administrative guidelines and management controls would be prescribed by the Director of the Office of Management and Budget (OMB). In addition, the committees were governed by Executive Order 11769 (February 21, 1974) and by OMB Circular A-63 Revised (March 27, 1974). All proposals or formal recommendations made by these public advisory committees were reported to the Secretary of Commerce, together with appropriate responses by the Census Bureau indicating what actions, if any, would be taken as a result of these proposals.

The advisory committees were established on the presumption that they could make significant contributions to the Bureau's programs and objectives. Only the Secretary of Commerce could establish a public advisory committee within the Department, and no such body could be formed or used unless the Secretary specifically determined as a matter of formal record that the establishment of a public advisory committee was in the public interest and was connected with the performance of the Department's duties specified by law. Except where otherwise fixed by law, a public advisory committee terminated 2 years after its formation unless the Secretary determined in writing not more than 60 days prior to the termination date that its continued existence was in the public interest. Until 1972, the Secretary was empowered to renew committee members' appointments as often as the Census Bureau might request; after that time, members of Census Bureau committees were generally limited to a maximum of 6 years' continuous service. None of the committee members received remuneration, other than per diem and travel expenses, for attending meetings.

The advisory committees described below usually met separately every 6 months; the first four groups met once in a joint session on March 6, 1980. The membership of all committees is shown for the period July 1, 1973 to September 30, 1983.

Census Advisory Committee of the American Statistical Association

In November 1918, Secretary of Commerce William C. Redfield invited the presidents of the American Statistical Association (ASA) and the American Economic Association (AEA) to appoint a joint public advisory committee to assist the Census Bureau in organizing and taking the 1920 Decennial Census. The joint committee met for the first time in February 1919. This so-called General Advisory Committee functioned until 1937 on a permanent basis, with its members drawn from the two associations. At that time, it was reconstituted, with all its members appointed by the ASA for 3-year terms.

This oldest standing advisory committee of the Bureau of the Census was designed to be representative of all statistical fields in which the Census Bureau operates. The committee's functions were defined in 1964 as "(a) critically observing and appraising the Census Bureau program as a whole, and the progress of its various segments, (b) considering priority issues that arise between and within fields, (c) examining formulations of guiding principles, (d) advising on questions of policy and procedure, especially as they relate to statistical standards and methods, and to alternative sources of data, and (e) responding to the Bureau's requests for opinions and judgments in the whole area of its operations."

Committee members who served during the planning and conduct of the 1980 census were as follows:

Russell J. Ackoff, 1972-1974

Richard L. Anderson, 1972-1977 (Chairperson, 1977)

Charles B. Bell, 1972-1973

Norman M. Bradburn, 1980-1985

Lyle D. Calvin, 1972-1977

A. Arthur Charous, 1972-1977

Barry R. Chiswick, 1980-1985

Kay K. Clarke, 1978-1980

William G. Cochran, 1977-1979 (Chairperson, 1979)

Morris Cohen, 1978-1979

Paul M. Densen, 1971-1973

Solomon Dutka, 1974-1979

J. Leroy Folks, 1976-1977

Mildred E. Francis, 1975-1980 (Chairperson, 1980)

Martin R. Frankel, 1976-1981 (Chairperson, 1981)

Leo A. Goodman, 1974-1976

Irene Hess, 1981-1983

Daniel Horvitz, 1980-1985

F. Thomas Justin, 1974-1979

Joseph B. Kadane, 1978-1983 (Chairperson, 1982)

Nathan Keyfitz, 1981-1983

Benjamin F. King, Jr., 1982-1984

Elizabeth S. King, 1972-1977 (Chairperson, 1974)

William H. Kruskal, 1979-1984

Robert E. Lewis, 1972-1977

William G. Madow, 1973-1975 (Chairperson, 1975)

Stanley V. Malcuit, 1972-1973

Colin L. Mallows, 1976-1978 (Chairperson, 1978)

Nancy R. Mann, 1972-1974

Kay K. Mazuy, 1978-1980

Philip J. McCarthy, 1973-1975

Tulo Montenegro, 1982-1985

Alexander M. Mood, 1977-1979

John Neter, 1974-1979 (Chairperson, 1976)

Edgar Pessemier, 1980-1981

John W. Pratt, 1974-1976

Leon Pritzker, 1978-1984

J.N.K. Rao, 1978-1983

Albert J. Reiss, Jr., 1972-1974

Daniel A. Relles, 1979-1984

Fred B. Renwick, 1971-1973 (Chairperson, 1973)

Harry V. Roberts, 1973-1978

Joseph Sedransk, 1978-1983 (Chairperson, 1983)

Christopher A. Sims, 1976-1981

George Tiao, 1980-1985

Martin B. Wilk, 1973-1975

William H. Williams, 1982-1984

Census Advisory Committee of the American Economic Association

Various members of the American Economic Association (AEA), together with representatives of the ASA, served on a single Census Bureau advisory committee from 1919 to 1937. In 1960, when the Bureau was entering new areas of interest to economists and it appeared desirable to have a direct channel of contact with the principal professional organizations representing economists, a separate committee of AEA members was established. (From 1937 to 1960, the AEA was not represented by any particular committee.)

The members were all appointed by the president of the AEA and served for 3-year (4-year prior to 1972) terms. While most of the committee's attention was given to the economic censuses, it also reviewed and commented on plans for the 1980 Decennial Census, evaluation studies, and program planning within the larger framework of the Bureau's functions.

The members were as follows:

Gardner Ackley, 1974-1976

Morris Adelman, 1982-1984

Armen A. Alchian, 1974-1976

Marcus Alexis, 1983

Nancy Barrett, 1978-1980 (Chairperson, 1979)

Carolyn Shaw Bell, 1977-1982

Barbara R. Bergmann, 1976-1981 (Chairperson, 1977)

Andrew F. Brimmer, 1974-1979

Joseph Burns, 1972-1975

Ann P. Carter, 1973-1978

Lawrence Chimerine, 1983-1985

Rosanne E. Cole, 1982-1984 (Chairperson, 1983)

Martin H. David, 1979-1984

Anthony Downs, 1974-1976

Otto Eckstein, 1979-1980

Michael Evans, 1981-1983

Gary Fromm, 1967-1973 (Chairperson, 1973)

Victor R. Fuchs, 1978-1983

Zvi Griliches, 1981-1983

Sidney L. Jones, 1981-1983

Dale W. Jorgenson, 1975-1977

Richard D. Karfunkle, 1979-1981

Robert F. Lanzillotti, 1976-1981 (Chairperson, 1979-1980)

Burton G. Malkiel, 1977-1979

Edwin Mansfield, 1982-1984

Dean McKee, 1974-1975

Jacob Mincer, 1972-1976

James R. Nelson, 1974-1979 (Chairperson, 1976)

William A. Niskanen, 1977-1981

Guy G. Noyes, 1972-1974

Ronald L. Oaxaca, 1980-1985

George L. Perry, 1975-1980

Joel Popkin, 1983-1985

Lee E. Preston, 1972-1977 (Chairperson, 1974)

Richard E. Quandt, 1983-1985

Sherwin Rosen, 1981-1983

Richard Ruggles, 1974-1978 (Chairperson, 1975)

Norman J. Simler, 1976-1983 (Chairperson, 1982)

Patricia J. Shontz, 1972-1974

Thomas Sowell, 1980-1982

Lester Thurow, 1978-1980

Phyllis A. Wallace, 1972-1977

J. Fred Weston, 1973-1975

Walter Williams, 1981-1982

Ann D. Witte, 1979-1985 (Chairperson, 1981)

Arnold Zellner, 1977-1982 (Chairperson, 1978)

Census Advisory Committee of the American Marketing Association

In 1945, the American Marketing Association (AMA) passed a resolution that emphasized the need for marketing information to promote the Nation's economy and outlined a suggested statistical program for the Bureau of the Census. The interest of this group continued, and the Bureau felt that a regular advisory committee would provide the most efficient way to learn the needs for marketing statistics and to determine whether these needs could be met. The committee was accordingly established for this purpose in 1946, with its members and chairperson appointed for 3-year terms by AMA's president.

Committee members who served during the planning and conduct of the 1980 Decennial Census were as follows:

Roger Baran, 1974-1976

Helda N. Barnes, 1975-1977

Barbara E. Bryant, 1980-1986 (Chairperson, 1982-1983)

Roberto Bueso-Rapalo, 1982-1985

Gilbert A. Churchill, Jr., 1981-1984

Verne B. Churchill, Jr., 1980-1986

Henry J. Claycamp, 1974-1976

Craig M. Collins, 1982-1985

Edward W. Cundiff, 1981-1984 (Chairperson, 1983-1984)

Fred Currier, 1972-1974

Robert J. Eggert, 1975-1981

Alfred Eisenpreis, 1971-1974

Ben M. Enis, 1975-1981

Robert Ferber, 1972-1981 (Chairperson, 1980-1981)

Ronald E. Frank, 1974

H. Naylor Fitzhugh, 1972-1975

Phillips W. Goodell, Jr., 1977-1983

Paul E. Green, 1980-1983

Lee S. Gunlogson, 1971-1974

Jerry Harwood, 1976-1982

William J. Hawkes, Jr., 1974-1979 (Chairperson, 1975-1976)

James G. Higginbotham, 1979-1985

Jean Jackson, 1974-1980 (Chairperson, 1979-1980)

John G. Keane, 1979-1983 (Chairperson, 1981-1982)

Robert J. Lavidge, 1972-1974 (Chairperson, 1973-1974)

William Lazer, 1974-1980 (Chairperson, 1976-1977)

Wayne A. Lemburg, 1979-1982

Elmer P. Lotshaw, 1972-1978 (Chairperson, 1977-1978)

Wallace Lucas, Jr., 1981-1984

Jackline Matosian, 1980-1986

Eileen S. Paul, 1977-1980 Jose R. Perez, 1982-1985

Ralph L. Pernice, 1974-1976

William D. Perreault, Jr., 1982-1986

Manuel D. Plotkin, 1976-1978 (Chairperson, 1974-1975)

Stanley J. PoKempner, 1976-1979 (Chairperson, 1978)

Joseph H. Rabin, 1978-1984

M. Glenn Reed, 1974-1980

D.M. Rush. 1972-1974

John E. Smallwood, 1974-1979

Thaddeus Spratlen, 1975-1981

Donald S. Tull, 1976-1982

S. Dan Waung, 1981-1984 (Chairperson, 1984-1985)

Census Advisory Committee on Population Statistics

This committee was established in April 1965. The members were recommended by the Director of the Census Bureau and appointed by the Secretary of Commerce to indefinite terms until 1972 (see p. A-18); a number of them had been members of the Technical Advisory Committee for the 1960 Population Census, which existed from 1956 to 1961.

Following its organization, the committee met an average of three times a year until 1969, when it began meeting twice a year. For the 1980 census, as for 1970, the committee advised the Census Bureau on such population subjects as ethnic groups, migration, fertility, families, education, employment, occupation, income, and population adjustment issues. It also reviewed plans for collecting, tabulating, and publishing population statistics from the 1980 census and recommended ways to improve data-collection techniques and the quality of data in difficult-to-enumerate areas.

Committee members who served during the planning and conduct of the 1980 census were as follows:

Philip J. Allen, 1973-1975

Leslie M. Alperstein, 1980-1983

David Alvirez, 1973-1975

Edward C. Banfield, 1972-1975

Herrington Bryce, 1982-1985

Bernard Clyman, 1974-1980

Marian M. Colby, 1974-1975

William E. Cole, 1972-1975

Kingsley Davis, 1974-1977 (Chairperson, 1976-1977)

Anne G. Draper, 1975-1982

G. Franklin Edwards, 1975-1978

Robert A. Ellis, 1972-1975

Leobardo F. Estrada, 1973-1975

Reynolds Farley, 1975-1981 (Chairperson, 1980-1981)

Martin S. Feldstein, 1974-1977

Peter K. Francese, 1977-1983

Abraham Leo Gitlow, 1974-1976

John L. Goodman, Jr., 1982-1985

Adelaide Cromwell Gulliver, 1973-1975

Robert E. Hall, 1975-1978

Jose Hernandez, 1971-1974

R. Jerome Jenkins, 1979-1982

John F. Kantner, 1975-1976

Charles C. Killingsworth, 1974-1977

Evelyn Kitagawa, 1975-1978 (Chairperson, 1977-1978)

Everett S. Lee, 1972-1975 (Chairperson, 1973-1974)

Ronald D. Lee, 1981-1984

Ira S. Lowry, 1974-1980 (Chairperson, 1978-1979)

Evelyn S. Mann, 1982-1986

Victor A. McKusick, 1966-1973

Bruce D. Merrill, 1972-1975

Ann R. Miller, 1976-1982

Wilbert E. Moore, 1972-1975 (Chairperson, 1974-1975)

James N. Morgan, 1976-1982 (Chairperson, 1981-1982)

Richard L. Morrill, 1981-1984

George C. Myers, 1977-1983

Charles B. Nam, 1978-1981

Valerie K. Oppenheimer, 1980-1982

Mary G. Powers, 1977-1983 (Chairperson, 1979-1980 and

1982-1983)

Samuel H. Preston, 1975-1981

R. Thayne Robson, 1977-1983

T. Paul Schultz, 1980-1986

George Sternlieb, 1983-1985

Dorothy M. Stetson, 1972-1975

J. Mayone Stycos, 1981-1984

Marta Tienda, 1980-1985

Robin J. Walther, 1982-1985

Michael P. Ward, 1983-1985

Charles F. Westoff, 1974-1979 (Chairperson, 1975-1976)

Census Advisory Committee on Housing Statistics

This committee, formed for previous housing censuses, was reestablished in the fall of 1976 and disbanded again after its November 20, 1980 meeting. The Director of the Census Bureau recommended and the Secretary of Commerce appointed the members.

The Advisory Committee on Housing Statistics evaluated the research on methodology for providing data on housing quality, and advised on the development of procedures to be used in the research, collection, and tabulation of the final data product on

housing quality. The committee made recommendations on the need for data by local authorities to complete application for Federal grant programs and on changes to the "shelter cost" question. It approved the Census Bureau's proposed new housing unit definition, and proposed a screening question on disability that would lead to a followon survey. (The screening question was included in the 1980 census but the followon survey was not conducted.)

Committee members who served during the planning and conduct of the 1980 census were as follows:

Philip S. Auchincloss, 1976-1977

Michael B. Barker, 1976-1980 (Chairperson, 1980)

Alan L. Canter, 1978-1980 (Chairperson, 1979)

Craig Caywood, 1976-1979

Blanca Cedeno, 1976-1980

Bessie Economou, 1976-1980

R. Hartley Edes, 1976-1980

Morton L. Isler, 1976-1980 (Chairperson, 1976-1977)

Lawrence A. Kennings, 1979-1980

Kenneth J. Kerin, 1976-1980

David B. Klotz, 1976-1977

Trudy McFall, 1976-1978

Mary K. Nenno, 1976-1980 (Chairperson, 1978)

B. J. Reed, 1980

Henry B. Schechter, 1976-1980

Walter L. Smart, 1976-1980

Michael Sumichrast, 1976-1980

Marie McGuire Thompson, 1976-1980

Shirley F. Weiss, 1976-1980

John M. Wetmore, 1976-1980

Jon W. Whitney, 1977-1980

Robert C. Wiggs, 1976-1980

Lawrence A. Williams, 1976-1977

Census Advisory Committee on Small Areas

In August 1964, under the auspices of the Assistant Secretary of Commerce for Economic Affairs, a group of statistical analysts met as an ad hoc committee to consider the problems of gathering small-area data and the modification of census tracts. This was followed by a discussion meeting in January 1965 on geographic developments, particularly the address coding guide for the 1970 census. The advisory committee was established officially in March 1965 to advise the Bureau regarding the development of statistical programs keyed to census data in metropolitan and other local communities concerned with transportation, urban renewal, and poverty. Members' recommendations led to the New Haven Census Use Study and the GBF/DIME (geographic base file/dual independent map encoding) system.

For the 1980 census, the Committee continued its interest in expansion of the GBF/DIME system and advocated extending the block-statistics program using differential sampling for small areas. Its efforts led to establishment of the Neighborhood

Statistics Program (see ch. 8). In 1976, the Committee was merged with the Census Advisory Committee on State and Local Government Statistics (the focus of which was primarily on the governments and, to a lesser extent, economic censuses and surveys) to become the Census Advisory Committee on State and Local Area Statistics.

During the 1980 census period, the Census Advisory Committee on State and Local Areas met six times, with the following membership:

Earle M. Baker, to 1974 Jerome Clubb, 1974-1975 Robert J. Colonna, to 1973 Gerald J. Ferwerda, 1974-1975 Erwin Abney France, to 1973 Peter K. Francese, 1974 to 1975 Charles R. Guinn, to 1973 Morris H. Hansen, to 1973 Edward Hearle, to 1974 (Chairperson, 1974) Alfred Hong, 1971-1975 Jacob Jaffe, to 1973 M. Kent Jennings, to 1973 Phillip C. Johnson, to 1973 Yuan Liang, to 1974 Charles McCall, to 1974 Will S. Myers, to 1974 Charles Neely, 1974 to 1975 Raymond O. Nelson, 1974 to 1975 Guy Henderson Orcutt, to 1973 Charles John Orlebeke, to 1973 R. Thayne Robson, to 1975 (Chairperson, 1975) Jonathan E. Robbin, 1974 to 1975 Juliet M. Sabit, 1974 to 1975 Fidencio Sandoval, to 1973 Gordon Saussy, 1974 to 1975 Robert F. Schlax, to 1974 Calvin F. Schmid, 1974 to 1975 Richard Scolaro, to 1974 Stanley Smith, 1974 to 1975 George Sternlieb, to 1974 (Chairperson, 1973) Richard Stone, to 1973 Robert Teeter, to 1973 Jack P. Vallerga, 1974-1975

Census Advisory Committee on State and Local Area Statistics

This Committee resulted from a 1976 merger of two Census Advisory Committees—the ones on Small Areas and on State and Local Government Statistics (see above). The new group continued the interests of its predecessors but met only twice in 1976 before being disbanded as part of a Governmentwide effort to reduce the number of public advisory committees. Membership was as follows:

Alan Beals Alan L. Canter (Chairperson, 1975-1976) **Brevard Crihfield** Nancy Erwin Gerald J. Ferwerda Peter K. Francese (Chairperson, 1976) John J. Gunther Bernard F. Hillenbrand Alfred Hona David L. Huff R. Jerome Jenkins Mark E. Keane Charles Neely Gordon Saussy George R. Thiss Jean Wickert

D. G. Anderson

Census Advisory Committee on Privacy and Confidentiality

This Committee was established in 1972 and disbanded in 1975. It addressed such issues as disclosure avoidance in census publications, including the public-use microdata samples issued on computer tape, the use of administrative records, and the length of time individual census records might be withheld from public use at the National Archives. Membership was as follows:

Roger A. Bauer, to 1974 Thomas W. Benham Sidney W. Brossman, 1974-1975 Colin D. Campbell, to 1973 John D. Deardourff, to 1974 J. Taylor DeWeese, 1975 R. Thomas Dundas, Jr., 1974-1975 James Farmer, 1975 Roger A. Freeman (Vice Chairperson, 1974; Chairperson, 1975) James O. Gibson, 1974 Carl Hammer, to 1974 Richard S. Hanel, 1975 Tom Charles Huston, to 1973 Karl A. Lamb, to 1973 Wassilv W. Leontief, 1975 Carl H. Madden, 1974

Don M. Muchmore (Vice Chairperson, 1973; Chairperson, 1974)

Arthur L. Peterson, to 1974

Katherine B. Massenburg, to 1974

Robert S. Marsel, 1974

Arthur R. Miller, 1975

William L. Rector
William M. Smith, to 1974
Philip S. Wilder, Jr., to 1974

CONSULTATION WITH MINORITY GROUPS

One of the agency's aims for 1980 was to formally enlist minority populations' active support in obtaining as complete a census as possible. This support would take the form of assistance in recruiting indigenous staffs, outreach to various minority constituencies, and advice on questionnaire wording (notably the race and ethnicity items) and data products. Beginning with informal discussions in the latter part of 1971, three Census Advisory Committees were chartered by 1976—for the Asian and Pacific Islander, Black, and Hispanic communities. The American Indian and Alaska Native communities decided not to have a formal advisory body; instead, the Census Bureau held a series of regional meetings in which census plans were explained, questions answered, and help enlisted. (For more information, see Ch. 2, "Planning the Census," pp. 2-5.)

The three Census Advisory Committees usually met separately twice a year beginning in 1975; they also met jointly once a year in 1976, 1977, and 1981 (they were disbanded in 1981). Membership was as follows (years are shown only for members who did not serve the entire period).

Census Advisory Committee on Asian and Pacific Islander Americans Population for the 1980 Census

Tania M. Azores (Vice Chairperson, 1978-1980)

Paige Barber

Lee-Jay Cho

Manoranjan Dutta

Lillian Fabros

Lucy C. Hirata

Lemuel F. Ignacio

Ronald K. Ikejiri, from 1979

Norman Lau Kee

Bok Lim C. Kim

Leoluso'o Leatutufu, from 1978

William T. Liu

Martin M. Matsudaira

Fave Muñoz

Fe C. Nievera

Nofoaluma F.A. Tuiasosopo, to 1978

Victor Seeto

Betty Lee Sung

Tran minh Tung

David Ushio, to 1977

Mary I. Watanabe, from 1978 Albert H. Yee (Chairperson)

Census Advisory Committee on the Black Population for the 1980 Census

Sarah Austin, 1978

Joe Black, 1978-1981

Robert Blackwell, to 1976

Walter Bremond, 1976-1981

A. J. Cooper, to 1978

Jerry C. Crews, 1978-1981

William H. Dilday, Jr., 1978-1980

Lewis L. Douglass, 1975

Albert J. Dunmore, 1978-1981

Faith Evans, to 1976

James Farmer, 1976-1981

James Gibson, 1975

Karl Gregory

Dorothy Height, to 1978

Robert B. Hill (Chairperson, 1976)

Elton Jolly, 1978-1980

Bernard S. Lee

Joe E. Madison, 1976

Donald P. McCullum, 1976-1981 (Chairperson, 1980-1981)

John D. Reid, to 1978

George E. Riddick (Chairperson, 1978)

James Carl Sams, to 1976

John H. Satterwhite

Doris E. Saunders (Chairperson, 1979)

Abdul Alim Shabazz

Althea T. L. Simmons

Charles J. Smith III, to 1978

Robert Staples, 1976-1978

William O. Walker

John R. Wheeler

Amy Elizabeth Wilkinson, 1979-1981

Eddie N. Williams (Chairperson, 1977-1978)

Census Advisory Committee on the Spanish Origin Population for the 1980 Census

Benjamin Arguello, 1978-1981

Tony Bonilla, to 1976

Narciso O. Cano

Nelson Carlo, 1978

Raquel Creitoff

Luz Cuadrado de Peterson (Chairperson, 1976-1977)

Hary Puente-Duany (Chairperson, 1981)

Leobardo F. Estrada, 1978

Patricio F. Flores

Louis Manuel Garcia, to 1976 and 1978 to 1981

Rhea Mojica Hammer

Maritza Hankins

Jose Hernandez

Arturo P. Hevía

Vilma Martinez, to 1978 and 1979-1981 (Chairperson, 1977-1978, and 1979-1980)

Alex Mercure, to 1976 (Chairperson, 1975)

Gracia Molina de Pick

Manuel Muñoz, Jr., 1980-1981

Jorge Pineiro

Lorenzo Pineiro, to 1979

Agustin Recio (Chairperson, 1978-1979)

Marisela Saldana

Julian Samora

Herman Sillas

America Sorrentini de Blaut, to 1976

OTHER GROUPS

In addition to the public advisory committees, there were a number of other groups that met to discuss the conduct and content of the 1980 census, as well as the forms in which the resultant data would be made available. These groups were not "advisory committees" in that they were responsible to organizations other than the Bureau of the Census, or were composed of paid consultants, or were ad hoc committees established for specific short-term purposes (12 months or less) and, therefore, did not meet the criteria for establishment as public advisory committees. These other advisory groups included various Federal agencies and represented a broad spectrum of census data users.

Committee on National Statistics' Panel on Decennial Census Plans

At the Secretary of Commerce's request, the National Academy of Sciences/ National Research Council established this committee in the fall of 1977. (Its activities are described in Ch. 2, "Planning the Census," pp. 2-6.) Membership in 1977-1978 was as follows:

Patricia C. Becker

Charles F. Cannell

Wayne A. Danielson

Walter E. Duffett

Leobardo F. Estrada

Lester R. Frankel

Charles B. Keely

Nathan Keyfitz (Chairperson)

Hylan Lewis

Dwaine Marvick

James N. Morgan

Priscilla C. Reining

T. James Trussell

Eddie N. Williams

Federal Agency Council on the 1980 Census

As it had for the 1960 and 1970 censuses, the Office of Management and Budget organized and chaired an interagency group to assist in coordinating the various agencies' needs for 1980 census data. Based on those needs, the questions proposed for 1980 were screened and advice was given on tabulation and publication plans as they developed. The following organizations were invited to send representatives.

Executive Branch

Council of Economic Advisers

Department of Agriculture

Agriculture Extension Service Economic Research Service

Forest Service

Statistical Reporting Service

Department of Commerce

Bureau of the Census

Bureau of Economic Analysis

Economic Development Administration

Office of Minority Business Enterprise

Department of Defense

Defense Civil Preparedness Agency

Department of Education

Office of Education

Department of Health, Education, and Welfare

National Center for Educational Statistics

National Institute of Education

Office of Civil Rights

Social and Rehabilitation Service

Department of Health and Human Services

Office of Human Development

Public Health Service

Alcohol, Drug Abuse, and Mental Health Administration

Food and Drug Administration

Health Resources and Services Administration

Indian Health Service

National Center for Health Statistics

National Institute of Child Health and Human Development

National Institute of Health

National Institute of Mental Health

Social Security Administration

Department of Housing and Urban Development

Urban Information Systems Interagency Advisory Committee

Department of the Interior

Bureau of Indian Affairs

Bureau of Outdoor Recreation

Fish and Wildlife Service

National Park Service

Department of Justice

Bureau of Prisons

Civil Rights Division

Community Relations Service

Federal Bureau of Investigation

Immigration and Naturalization Service

Law Enforcement Assistance Administration

Department of Labor

Bureau of Labor Statistics

Employment Standards Administration

Manpower Administration

Occupational Safety and Health Administration

Office of Federal Contract Compliance

Women's Bureau

Department of State

Agency for International Development

Department of Transportation

Federal Highway Administration

Urban Mass Transportation Administration

Department of the Treasury

Internal Revenue Service

Office of Revenue Sharing

Domestic Council

Office of Consumer Affairs

Office of Economic Opportunity

U.S. Arms Control and Disarmament Agency

Independent Agencies

ACTION1

Atomic Energy Commission

Commission on Civil Rights

Consumer Product Safety Commission

Environmental Protection Agency

Equal Employment Opportunity Commission

Federal Communications Commission

Federal Home Loan Bank Board

Federal Reserve System

Federal Trade Commission

General Services Administration

Interstate Commerce Commission

National Endowment for the Arts

National Endowment for the Humanities

National Science Foundation

Protective Service System

Small Business Administration

Smithsonian Institution

U.S. Postal Service

Veterans Administration

Legislative Branch

Library of Congress

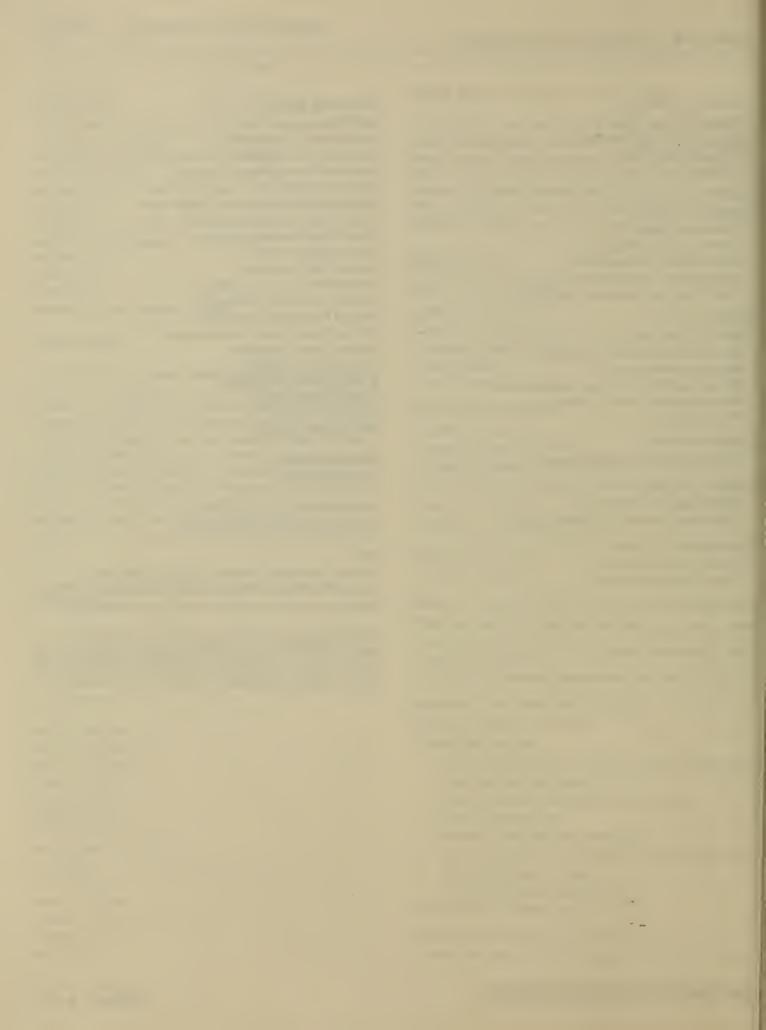
Judicial Branch

Administrative Office of U.S. Courts

Other

Advisory Commission on Intergovernmental Relations
Cabinet Committee on Opportunity for Spanish Speaking People
President's Committee on Employment of the Handicapped

¹This agency includes Volunteers in Service to America (VISTA), the Foster Grandparent Program (FGP), the Retired Senior Volunteer Program (RSVP), the Senior Companion Program (SCP), and the Volunteer Management Support Program, as well as demonstration projects.



Appendix B. 1980 Decennial Census Appropriations, Obligations, and Costs, by Fiscal Year

Figure 1. 1980 Decennial Census, Appropriations and Obligations, by Fiscal Year

Fiscal years	Actual 1980 Census (millions of dollars)			
	Appropriation	Obligation		
1974	.7	.6		
1975	3.0	2.2		
1976	5.5	5.2		
Transition quarter	2.9	2.6		
1977	18.9	17.1		
1978	33.0	29.1		
1979	150.8	132.5		
1980	644.5	664.6		
1981	138.1	132.3		
1982	43.1	50.6		
1983	37.6	33.2		
1984	•••	8.4		
Total	1,078.1	1,078.4		
Funding from 1970 census	.3			
Total	1,078.4	1,078.4		

^{...} Maans not applicable.

Figure 2. 1980 Decennial Census Total Costs and Obligations, by Fiscal Year

[Thousands of dollars]

Planumagno													100	
Cemeral 398	ltem	1974	1975	1976		1977	1978	1979	1980	1981	1982	1983	1984	Total
Population	Planning, direction and review	466	1,087	1,061	307	1,710	3,062	4,243	4,410	5,336	5,414	6,295	1,517	34,864
Population		398	606	702	151	725	944	1,792	1,579	1,640	1,580	1,488	221	11,801
Center for Demographic Studies		41	202	163	78	483	1.513	1.877	2,191	2,779	2.849	3.646	1.118	
Housing 27 95 134 63 502 605 574 640 917 942 1,076 129 5,700 Preparatory 28 184 62 15 5 5 5 5 5 5 6 5 5			i		1					·				
Presentatory								574	640	917				
Cooparabic work														
Address register preparation.	Pretests and dress rehearsal		665			,								
Destinantes	Geographic work	•••		511	295	3,351					5,578		450	_
Mailing place preparation	Address register preparation	•••					385		,		1	63		
Data collection.	Questionnaires				•••		•••							
Data processing	Mailing-piece preparation	•••				•••	•••				•••	•••		
Computer process	Data collection			166	154	931	2,433	48,149	570,427	23,455	1,878	2,222	514	650,329
Clerical FOSDC						200					100			
Publications.		•••		79	69	683								
Sampling, statistical studies and evaluations 120 272 18 864 1,711 2,691 7,728 15,208 6,514 8,133 1,988 45,252 Outlying areas	Clerical FOSDIC ¹						1,328	5,112	24,254	73,455	10,905	2,914	2,612	120,580
and avaluation 120 272 18 664 1,711 2,691 7,728 15,208 6,514 8,133 1,998 45,252 CINCH and RF²									214	896	2,599	4,922	2,733	11,364
CINCH and RF2			120	272	18	864	1,711	2,691	7,728	15,208	6,514	8,133	1,998	45,252
Public information	Outlying areas	•••						769	9,361	1,487	674	543	238	13,072
Public information	CINCH and RF ²	•••					•••	376	1,126	2,564	1,045	783	67	5,961
Data usability improvement						65	125	856	4,796	523	65	227	94	6,751
Followon survey	History	26	36	25	9	21	20	25	18	44	45	63	74	405
FOSDIC and cameras ¹	Data usability improvement			85	23	128	239	498	1,495	1,541	1,000	1,164		6,173
FOSDIC and cameras	Followon survey							34	187	12		4		237
Comparing costs Comparing	FOSDIC and cameras ¹			112	76	1,745	1,922	1,982	2,538	1,419	432	277		10,503
Adjustments		42	83											125
Less depreciation	Adjustments	-8	4	1	1	3		30	•••		-994	-109		-1,072
Less rental surcharge	Operating costs	526	1,995	4,676	2,097	14,244	25,505	113,840	674,115	143,943	41,158	35,597	14,222	1,071,918
Less rental surcharge	Less depreciation	-5	-29	-30	.9	-107	-141	-477	-1.241	-936	-936	-583		-4.494
Operating cost funded														
Change in selected resources						1.0								
Less beginning undelivered orders	Operating cost funded			4,646								- 10		
orders	•	23	8	254	402	2,338	2,654	17,006	-8,990	-10,535	10,163	-2,096	-5,798	5,429
Undelivered orders change				-25	-313		-3,300	-6,240		-12,064	-3,004		-6,699	
Net change in inventory 12 1 3 16 97 -58 68 627 766 Net change in leave liability 10 -21 -35 24 -176 -353 -790 -635 1,311 -665 Prior year recovery of obligations	Plus ending undelivered orders	3	25	313	715	3,300	6,240	23,222	12,064	3,004	8,829	6,697		64,412
Net change in leave liability	Undelivered orders change	10	-5		-27	-89		771	-73	-548		116	353	478
Prior year recovery of obligations . <td>Net change in inventory</td> <td></td> <td>12</td> <td>1</td> <td>3</td> <td>16</td> <td>97</td> <td>-58</td> <td>68</td> <td>627</td> <td></td> <td></td> <td></td> <td>766</td>	Net change in inventory		12	1	3	16	97	-58	68	627				766
Adjustments	Net change in leave liability	10	-21	-35	24	-176	-353	-790	-635	1,311				-665
Adjustments	Prior year recovery of obligations .											-548	548	
Progremming obligations. 544 1,974 4,900 2,490 16,426 27,962 130,319 663,547 132,318 50,606 33,269 8,424 1,072,779 General administration. 65 152 220 78 609 960 1,843 <t< td=""><td>Adjustments</td><td></td><td></td><td></td><td></td><td>1</td><td></td><td>101</td><td>2,808</td><td>-2,865</td><td>4,338</td><td>469</td><td></td><td>4,852</td></t<>	Adjustments					1		101	2,808	-2,865	4,338	469		4,852
General administration	General purpose equipment										376	458		834
Other capital outlay	Programming obligations	544	1,974	4,900	2,490	16,426	27,962	130,319	663,547	132,318	50,606	33,269	8,424	1,072,779
Other capital outlay	General administration.	65	152	220	78	609	960	1.843						3.927
Total obligations													l .	
	Total obligations	642	2,204	5,180	2,568	17,073	29,090	132,472	664,642	132,318	50,606	33,269	8,424	1,078,488

^{...} Means not applicable.

¹FOSDIC means film opticel sensing device for input to computers.

²CINCH means Components of Inventory Change [Survey]. RF means Residential Finance [Survey].

Appendix C. Facsimiles of Selected Data-Collection Forms

		Page
D-2	1980 Census of the United States	C-2
D-4	Your Guide to Census '80	C-11
D-2S	Censo de los Estados Unidos, 1980	C-20
D-2E PR	Su Guia de Censo '80	C-29
D-2E PR	1980 Census of Puerto Rico	C-38
D-2 PR	Censo de Puerto Rico—1980	C-48
D-15	1980 Census Supplementary Questionnaire for American Indians	C-57
D-80 AS	1980 Census of Population and Housing, American Samoa	C-62
D-20	Individual Census Report	C-71
D-20S	Informe Individual del Censo	C-75
D-21	Military Census Report	C-79
D-23	Shipboard Census Report	C-83
D-25	Were You Counted? (English, Spanish, Cambodian, and Korean versions)	C-87
D-29	Overseas Traveler's Report	C-91
D-80 VI	1980 Census of Population and Housing, Virgin Islands	C-93

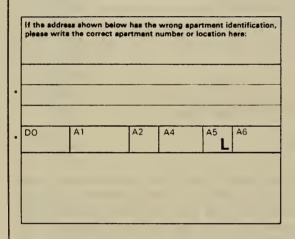
Forms D-2 and D-2S (the Spanish version of the D-2) were the long-form questionnaires used to enumerate a sample of households in the 50 States in the 1980 census. The cover, page 1, and the back page are essentially identical to their counterparts on the form D-1 and D-1S, short-form questionnaires. In addition to question 1 on page 1, the short form contained only population items 2-7 on page 2 and housing items H1-H12 on page 3. All other questions were unique to the long form. Person columns 4-6 are not shown, but were identical to columns 1, 2, 3, and 7, which are shown. Pages 8-19, which were used to enumerate persons in columns 2-7 in a household, also have been omitted. The forms D-2 PR and D-2E PR (the English version) were the long

forms used in Puerto Rico. They shared about three-quarters of the data items in common with the D-2/D-2S forms, but certain items were altered to reflect conditions in Puerto Rico, and the race and Hispanic-origin items were deleted. General format was the same and, as in the D-2/D-2S facsimiles, person columns 4-6 and pages 8-19 have been omitted.

The forms D-13 and D-13S, used in the "conventional" enumeration areas (i.e., the forms were mailed to addresses and respondents were asked to hold the completed questionnaires until a census taker visited and picked them up) were identical to the D-1/D-1S short forms except for instructions on the cover and on page 4 to hold the completed forms for the census taker to collect.

Please fill out this official Census Form and mail it back on Census Day, Tuesday, April 1, 1980

1980 Census of the United States



Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

Para personas de habla hispana

(For Spanish-speaking persons): SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL llame a la oficina del censo. El número de teléfono se encuentra en el encasillado de la dirección.

O, si prefiere, marque esta casilla y devuelva el cuestionario por correo en el sobre que se le incluye.

U.S. Department of Commerce Bureau of the Census Form D-2 A message from the Director, Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.

"Please continue -

Form Approved O M B No 41-S78006

How to fill out your Census Form

Page 1

See the filled-out example in the yellow instruction guide. This guide will help with any problems you may have.

> If you need more help, call the Census Office. The telephone number of the local office is shown at the bottom of the address box on the front cover.

Use a black pencil to answer the questions. Black pencil is better to use than ballpoint or other pens

Fill circles "O" completely, like this:

When you write in an answer, print or write clearly

Make sure that answers are provided for everyone here.

See page 4 of the guide if a roomer or someone else in the household does not want to give you all the information for the form

Answer the questions on pages 1 through 5, and then starting with pages 6 and 7, fill a pair of pages for each person in the household.

Check your answers. Then write your name, the date, and telephone number on page 20.

Mail back this form on Tuesday, April 1, or as soon afterward as you can. Use the enclosed envelope; no stamp is needed.

1. What is the name of each person who was living here on Tuesday, April 1, 1980, or who was

staying or visiting here and had no other home?

Please start by answering Question 1 below

Ouestion 1

List in Question 1

- · Family members living here, including babies still in the hospital
- · Relatives living here
- · Lodgers or boarders living here
- · Other persons living here
- · College students who stay here while attending college, even if their parents live elsewhere
- · Persons who usually live here but are temporarily away (including children in boarding school below the college
- · Persons with a home elsewhere but who stay here most of the week while working

Do Not List in Question 1

- Any person away from here in the Armed Forces.
- · Any college student who stays somewhere else while attending college.
- · Any person who usually stays somewhere else most of the week while working there.
- ·Any person away from here in an institution such as a home for the aged or mental hospital.
- Any person staying or visiting here who has a usual home elsewhere

-		 		
-		 		
				,
		 The state of the s	THE RESERVE AND PERSONS ASSESSED.	THE RESERVE THE PERSON NAMED IN
			at a reserve succession with	
	remain /			
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TO ALL ON		 		
	,	 		
17 may 17 may 18		 		

#### Note

If everyone here is staying only temporarily and has a usual home elsewhere, please mark this box .

## Then please

- answer the questions on pages 2 through 5 only,
- enter the address of your usual home on page 20.

Please continue

Page 2		ALSO ANSWER	THE HOUSING QUESTIONS ON PAGE 3	
Here are the OUESTIONS for ANSWERS	PERSON in column 1	PERSON in column 2	PERSON in column 3	
Please fill one column for each person listed in Question 1.	First nama Middla initial	First name Middle initial	First name Middle initial	
2. How is this person related to the person in column 1?  Fill one circle.  If "Other relative" of person in column 1, give exact relationship, such as mother-in-law niece, grandson, etc.	START in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with	If relative of person in column 1:  O Husband/wife O Father/mother Son/daughter O Other relative Brother/sister  If not related to person in column 1: O Roomer, boarder O Other nonrelative Partner, roommate Paid employee	If relative of person in column 1:  Husband/wife	
3. Sex Fill one circle.	O Male Female	O Male Female	○ Male	
4. Is this person —  Fill one circle.	<ul> <li>White</li> <li>Black or Negro</li> <li>Hawaiian</li> <li>Japanese</li> <li>Guamanian</li> <li>Chinese</li> <li>Samoan</li> <li>Filipino</li> <li>Korean</li> <li>Vietnamese</li> <li>Other — Specify</li> <li>Indian (Amer.)</li> <li>Print</li> <li>tribe →</li> </ul>	O White O Asian Indian  Black or Negro Hawaiian  Japanese Guamanian  Chinese Samoan  Filipino Eskimo  Korean Aleut  Vietnamese Other — Specify  Indian (Amer.)  Pint  tribe →	O White O Asian Indian  Black or Negro Hawaiian  Japanese Guamanian  Chinese Samoan  Filipino Eskimo  Korean Aleut  Vietnamese Other — Specify —  Indian (Amer.)  Print  tribe →	
5. Age, and month and year of birth	a. Age at last c. Year of birth birthday 1   1	a. Age at last c. Year of birth birthday	a. Age at last c. Year of birth birthday 1	
a. Print age at last birthday.	1 • 8 0 0 0 0	1 • 8 0 0 0 0	1 • 8 0 0 0 0	
b. Print month and fill one circle.  c. Print year in the spaces, and fill one circle below each number.	b. Month of birth   9 0   1 0   1 0   2 0   2 0   3 3 0   3 0   4 0   4 0   5 0   5 0   5 0   5 0   6 0   6 0   0   0   0   0   0   0	b. Month of birth	b. Month of birth   9 \circ 1 \circ 1 \circ 2 \circ 2 \circ 3 \circ 3 \circ 3 \circ 4 \circ 4 \circ 4 \circ 5 \circ 5 \circ 5 \circ 5 \circ 5 \circ 5 \circ 6	
6. Marital status Fill one circle.	Now married	Now married	Now married	
7. Is this person of Spanish/Hispanic origin or descent?  Fill one circle.	No (not Spanish/Hispanic) Yes, Mexican, Mexican-Amer., Chicano Yes, Puerto Rican Yes, Cuban Yes, other Spanish/Hispanic	No (not Spanish/Hispanic) Yes, Mexican, Mexican-Amer., Chicano Yes, Puerto Rican Yes, Cuban Yes, other Spanish/Hispanic	No (not Spanish/Hispanic) Yes, Mexican, Mexican-Amer., Chicano Yes, Puerto Rican Yes, Cuban Yes, other Spanish/Hispanic	
8. Since February 1, 1980, has this person attended regular school or college at any time? Fill one circle. Count nursery school kindergarten, elementary school, and schooling white leads to a high school diploma or college degree.	Yes, public school, public college Yes, private, church-related	No, has not attended since February 1 Yes, public school, public college Yes, private, church-related Yes, private, not church-related	No, has not attended since February 1 Yes, public school, public college Yes, private, church-related Yes, private, not church-related	
9. What is the highest grade (or year) of regular school this person has ever attended?  Fill one circle.	Highest grade attended:  Nursery school Kindergarten  Elementary through high school (grade or year)  1 2 3 4 5 6 7 8 9 10 11 12	Highest grade attended:   O   Nursery school   O   Kindergarten	Highest grade attended:  Nursery school  Elementary through high school (grade or year)  1 2 3 4 5 6 7 8 9 10 11 12	
If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."	College (academic year)  1 2 3 4 5 6 7 8 or more  Never attended school Skip question 10	College (academic year)  1 2 3 4 5 6 7 8 or more    Never attended school - Skip question 10	College (academic year)  1 2 3 4 5 6 7 8 or more  Never attended school — Skip question 10	
Did this person finish the highest grade (or year) attended?  Fill one circle.	Now attending this grade (or year) Finished this grade (or year) Did not finish this grade (or year)	Now attending this grade (or year) Finished this grade (or year) Did not finish this grade (or year)	Now attending this grade (or year) Finished this grade (or year) Did not finish this grade (or year)	
	CENSUS A. OIONO	CENSUS USE ONLY A. OI ON OO	CENSUS USE ONLY A. OI ON OO	

PERSON in column 7	If you listed more than 7 persons in Question 1, 7 persons in Question 1,	
irst name Middle initial	please see note on page 20.	
miodia initial	H1. Did you leave anyone out of Question 1 because you were not sure   H9. Is this apartment (house) part of a cond if the person should be listed — for example, a new baby still in the	ominium?
If relative of person in column 1:	hospital, a lodger who glso has another home, or a person who stays here	
Husband/wife   O Father/mother	once in a while and has no other home?  O Yes, a condominium	
Son/daughter Other relative	Yes — On page 20 give name(s) and reason left out.	
O Brother/sister	a. Is the house on a property of 10 or m	ore acres?
If not related to person in column 1:	H2. Did you list anyone in Question 1 who is away from home now —	
Roomer, boarder   Other	for example, on a vacation or in a hospital?  b. Is any part of the property used as	
Partner, roommate nonrelative,	Yes — On page 20 give name(s) and reason person is away.  Commercial establishment or medical	I office?
Paid employee	O No O Yes O No	
O Male Female	H3. Is anyone visiting here who is not already listed?   H11. If you live in a one-family house or a cond unit which you own or are buying -	lominium
a Maria	Yes — On page 20 give name of each visitor for whom there is no one	is how
<ul> <li>○ White</li> <li>○ Asian Indian</li> <li>○ Black or Negro</li> <li>○ Hawaiian</li> </ul>	at the home address to report the person to a census taker.  No  No  What is the value of this property, that much do you think this property (hous	
Japanese	condominium unit) would sell for if it v	
Chinese O Samoan	H4. How many living quarters, occupied and vacant, are at this address?	?
Filipino O Eskimo O Korean O Aleut	Do not answer this question if this is –  One  Amobile home or trailer	6
Vietnamese Other — Specify	O 2 apartments or living quarters  • A house on 10 or more acres	5 9-
Indian (Amer.)	3 apartments or living quarters     • A house with a commercial estab	lishment 3
Print tribe	4 apartments or living quarters or medical office on the proper	
	5 apartments or living quarters 6 apartments or living quarters Less than \$10,000 \$50,000 to	
a. Age at last c. Year of birth birthday 1 1	7 apartments or living quarters \$55,000 to \$14,999 \$55,000 to	
	8 apartments or living quarters	
Month of 19 € 10 0 11	10 or more anartments or living quarters \$20,000 to \$22,499 \$70,000 to	o \$74,999
birth 9 10 1 2 0 2 C	0 \$22,500 to \$24,999	o \$79,999
3 0 3 0	○ This is a mobile home or trailer ○ \$25,000 to \$27,499 ○ \$80,000 to	
4 0 4 5	H5. Do you enter your living quarters —	
2 Jan.—Mar. 6 6	Directly from the outside or through a common or public hall?	
← Apr.—June 7 ← 7 ←	1 Through someone else's living quarters? \$40,000 to \$44,999 \$150,000	to \$199,999 G
July—Sept. 8 0 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	H6. Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or	or more 5
30. Bec. 9 19 0	shower?	•
O Now married O Separated	What is the monthly rent?	ē
O Widowed Never married	Yes, but also used by another household  If rent is not paid by the month, see the institution of the instit	struction
O Divorced	No, have some but not all plumbing facilities     No, have some but not all plumbing facilities     No, have some but not all plumbing facilities	169
No (not Spanish/Hispanic)	No plumbing facilities in living quarters  \$50 to \$59  \$170 to \$1	179
Yes, Mexican, Mexican-Amer., Chicano Yes, Puerto Rican		
Yes, Cuban		
Yes, other Spanish/Hispanic	1 1 room 4 rooms 7 rooms 5 rooms 8 rooms 990 to \$99 \$225 to \$2	
No has not attended since February	3 3 rooms 6 rooms 9 or mare rooms \$100 to \$100 to \$100 to \$109	274
No, has not attended since February 1 Yes, public school, public college	H8 Are your living quarters — ( \$110 to \$119 ) \$275 to \$2	299
Yes, private, church-related	\$120 to \$129 \$300 to \$3  Owned or being bought by you or by someone else in this household? \$130 to \$139 \$350 to \$350 to \$350.	
Yes, private, not church-related		
Highest grade attended:	□ Occupied without payment of cash rent? □ \$150 to \$159 □ \$500 or m	
Nursery school Kindergarten	FOR CENSUS USE ONLY	
Elementary through high school (grade or year)	A4. Block A6. Serial B. Type of unit or quarters For vacant units D. Months vacant	F. Total
1 2 3 4 5 6 7 8 9 10 11 12	number number Cocupied C1. Is this unit for —	= persons
1 to 1:	Yearround use C Less than 1 month  First form Consolidation 514 60 0 1 up to 2 months	1
College (academic year)	Continuation Seasonal/Mig. — Skip C2, 2 up to 6 months	
1 2 3 4 5 6 7 8 or more	C2. Vacancy status C3, and D. 0 6 up to 12 months	000
Į.	C For rent 0 1 year up to 2 year	
Never attended school-Skip question 10	3 3 3 3 3 3 6 Regular C For sale only 0 2 or more years	3 3 3
Now attending this grade (or year)	タタム	555
Finished this grade (or year)	SSS SSS Group quarters Other vacant 1. O O Mail return	666
Did not finish this grade (or year)	1 ? ? ? ? ? ? Pop./F	???
CENSUS A. I NI	- 8.8   8.8.8   Continuation	888
USE ONLY N	SSS SSS SSS Continuation O Yes O No O O	999

113. Which best describes this building?	H21a. Which fuel is used most for house heating?	CENSUS
Include all apartments, flats, etc., even if vacant.		USE
	Gas: from underground pipes     Coal or coke	H22a.
A mobile home or trailer	serving the neighborhood Wood	
A one-family house detached from any other house	Gas: bottled, tank, or LP     Electricity     Other fuel	0 0 0
A one-family house attached to one or more houses     A building for 2 families	Fuel oil, kerosene, etc.	1 1 1
A building for 2 families     A building for 3 or 4 families	o i dei dii, keroserie, etc.	3 3 3
A building for 5 to 9 families	b. Which fuel is used most for water heating?	4 4 4
A building for 10 to 19 families	Gas: from underground pipes	5 5 5
A building for 20 to 49 families	serving the neighborhood Coal or coke	6 6 6
A building for 50 or more families	O Gas: bottled tank or LP O Wood	7 7 7
	O Electricity O Other rue	888
O A boat, tent, van, etc.	O Fuel oil, kerosene, etc.  O No fuel used	9 9 9
	c. Which fuel is used most for cooking?	H22b.
114a. How many stories (floors) are in this building?	0.000.000.000	0 0 0
Count an attic or basement as a story if it has any finished rooms for living purposes.	serving the neighborhood Coal or coke	1 1 1
○ 1 to 3 — Skip to H15 ○ 7 to 12	O Gas: bottled, tank, or LP	S S S
O 4 to 6 O 13 or more stories	Other fuel	3 3 3
	O Fuel oil, kerosene, etc.	9 9 9
b. Is there a passenger elevator in this building?	o , tol on, no occinc, con	5 5 5
O Yes O No	H22. What are the costs of utilities and fuels for your living quarters?	6 6 6
	a. Electricity	7 7 7
115a le thie huilding	\$ .00 OR O Included in rent or no charge	8 8 8
115a. Is this building —	Average monthly cost   © Electricity not used	9 9 9
On a city or suburban lot, or on a place of less than 1 acre? — Skip to H16	b. Gas	
On a place of 1 to 9 acres?	\$ .00 OR O Included in rent or no charge	H22c.
On a place of 10 or more acres?	Gas not used	000
	Average monthly cost	1 1 1
b. Last year, 1979, did sales of crops, livestock, and other farm products	c. Water	8 8 8
from this place amount to —	\$00 OR O Included in rent or no charge	3 3 3
O Less than \$50 (or None) O \$250 to \$599 O \$1,000 to \$2,499	Yearly cost	999
○ \$50 to \$249      ○ \$600 to \$999   ○ \$2,500 or more	d. Oil, coal, kerosene, wood, etc.	5 5 5
		666
116. Do you get water from —	\$ .00 OR O Included in rent or no charge	7 7 7
	Yearly cost O These fuels not used	888
A public system (city water department, etc.) or private company?  An individual drilled wall?	H23. Do you have complete kitchen facilities? Complete kitchen facilities	9 9 9
An individual drilled well?     An individual drig well?	are a sink with piped water, a range or cookstove, and a refrigerator.	1100
O An individual dug well?	Yes No	H22d.
Some other source (a spring, creek, river, cistern, etc.)?	J 163	0000
117. Is this building connected to a public sewer?	H24. How many bedrooms do you have?	1111
Yes, connected to public sewer	Count rooms used mainly for sleeping even if used also for other purposes.	8888
No, connected to septic tank or cesspool	○ No bedroom ○ 2 bedrooms ○ 4 bedrooms	3333
No, use other means	1 bedroom	4444
	5 5 11010 550100113	5555
118. About when was this building originally built? Mark when the building was	H25. How many bathrooms do you have?	6666
first constructed, not when it was remodeled, added to, or converted.	A complete bathroom is a room with flush toilet, bathtub or shower, and	7777
O 1979 or 1980 O 1960 to 1969 O 1940 to 1949	wash basin with piped water.	8888
O 1975 to 1978 O 1950 to 1959 O 1939 or earlier	A <u>half</u> bathroom has at least a flush tollet <u>or</u> bathtub or shower, but does	9999
O 1970 to 1974	not have all the facilities for a complete bathroom.	
	No bathroom, or only a half bathroom	
119. When did the person listed in column 1 move into	1 complete bathroom	0000
this house (or apartment)?	1 complete bathroom, plus half bath(s)	11111
O 1979 or 1980 O 1950 to 1959	2 or more complete bathrooms	8888
O 1975 to 1978 O 1949 or earlier	M26 Da way have a telephone in ways thing a contact	3333
O 1970 to 1974 O Always lived here	H26. Do you have a telephone in your living quarters?	4444
O 1960 to 1969	O Yes O No	5555
120. How are your living guarters heated?	H27 De you have tir conditioning?	6666
120. How are your living quarters heated?	H27. Do you have air conditioning?	7777
Fill one circle for the kind of heat used most.	Yes, a central air-conditioning system	8888
Steam or hot water system	Yes, 1 individual room unit	9999
Central warm-air furnace with ducts to the individual rooms	Yes, 2 or more individual room units	ļ
(Do not count electric heat pumps here)	O No	0000
Electric heat pump	H28. How many automobiles are kept at home for use by mambers	1111
Other built-in electric units (permanently installed in wall, ceiling,	of your household?	8888
or baseboard)	_	3 3 3 3
	O None O 2 automobiles	9999
Floor, wall, or pipeless furnace	1 automobile     3 or more automobiles	5555
Room heaters with flue or vent, burning gas, oil, or kerosene	H29. How many vans or trucks of one-ton capacity or less are kept at	6666
Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)		7777
	nome to dee by members or your necessity.	8888
Fireplaces, stoves, or portable room heaters of any kind		
Fireplaces, stoves, or portable room heaters of any kind     No heating equipment	O None O 2 vans or trucks O 1 van or truck O 3 or more vans or trucks	9999

	rent your unit or this is a kip H30 to H32 and turn to page 6.
30. What were the real estate taxes on <u>this</u> property last year?  \$	c. How much is your total regular monthly payment to the lender?  Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property,  \$ .00 OR O No regular payment required — Skip to
31. What is the annual premium for fire and hazard insurance on this property?  \$ .00 OR O None	d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?  Yes, taxes included in payment
32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?  Yes, mortgage, deed of trust, or similar debt  Yes, contract to purchase	No, taxes paid separately or taxes not required  e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurence on this property?
No — Skip to page 6  b. Do you have a second or junior mortgage on this property?	O Yes, insurance included in payment O No, insurance paid separately or no insurance
○ Yes ○ No	Please turn to page 6
FOR CENSU	S USE ONLY
	1   2   4     2   2   4     3   2   4
	4       2.       4.       6       2.       4.       6       2.       4.       6       2.       4.       6       2.       4.       6       2.       4.       6       2.       4.       6       2.       4.       6       2.       4.       6       2.       4.       6       2.       4.       6       2.       4.       6       2.       4.       4.       6       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.       3.
	2.       ■       4.       GQ.       ■       H30.       H31.       ■       H32c.         s.s.       7       7       7       7       7       7       7       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1
	Yes 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3

e 6 Name of	16. When was this person born?	ANSWER THESE QUESTIONS  22a. Did this person work at any time last week?
Person 1		
on page 2:	Born before April 1965 —	Yes — Fill this circle if this O No — Fill this circle
	Pieose go on with questions 17-33	person worked full if this person
Lest name First name Middle initial		time or port time. did not work,
1. In what State or foreign country was this person born?		(Count part-time work or did only own
Print the State where this person's mother was living	17. In April 1975 (five years ago) was this person —	such as delivering papers, housework,
when this person was born. Do not give the location of	a. On active duty in the Armed Forces?	or helping without pay in school work,
the hospital unless the mother's home and the hospital	Yes O No	o family business or form. or volunteer
were in the same State.		Also count active duty work.
	b. Attending college?	in the Armed Forces.)
	O Yes O No	Skip to 25
Name of State or foreign country; or Puerto Rico, Guam, etc.	c. Working at a job or business?	b. How many hours did this person work last week
2. If this person was born in a foreign country -	Yes, full time O No	(at all jobs)?
a. Is this person a naturalized citizen of the	Yes, part time	Subtract any time off; add overtime or extra hours worked.
United States?	O res, part time	
Yes, a naturalized citizen	18a. Is this person a veteran of active-duty military	Hours
No, not a citizen	service in the Armed Forces of the United States?	
Born abroad of American parents	If service was in National Guard or Reserves only,	23. At what location did this person work last week?
Corn abroad of American parents	see instruction guide.	If this person worked at more than one location, print
	○ Yes ○ No — Skip to 19	where he or she worked most last week.
b. When did this person come to the United States	0 100 2 3kip to 19	
to stay?	b. Was active-duty military service during	If one location cannot be specified, see instruction guide.
□ 1975 to 1980 ○ 1965 to 1969 ○ 1950 to 1959	Fill a circle for each period in which this person served.	
□ 1970 to 1974 ○ 1960 to 1964 ○ Before 1950		a. Address (Number and street)
1370 to 1374	Vietnam era (August 1964—April 1975)	
3o Doos this names arealy to the state of	February 1955—July 1964	
3a. Does this person speak a language other than	Korean conflict (June 1980—Jonuary 1988)	If street address is not known, enter the building name,
English at home?	O World War II (September 1940—July 1947)	shopping center, or other physical location description.
Yes No, only speaks English — Skip to 14	World War I (April 1917–November 1918)	
	O Any other time	b. Name of city, town, village, borough, etc.
b. What is this language?		
	19. Does this person have a physical, mental, or other	
	health condition which has lasted for 6 or more	c. Is the place of work inside the incorporated (legal)
	months and which	limits of that city, town, village, borough, etc.?
(For example – Chinese, Italian, Spanish, etc.)	a. Limits the kind or amount Yes No	
c. How well does this person speak English?	of work this person can do at a job? O	O Yes O No, in unincorporated area
O Very well O Not well		
O Well O Not at all	b. Prevents this person from working at a job?	
	c. Limits or prevents this person	d. County
4. What is this person's ancestry? If uncertain about	from using public transportation?	
how to report ancestry, see instruction guide.	20. If this person is a female - None 1 2 3 4 5 6	e. State f. ZIP Code
	How many babies has she ever 0 00000	C. State
	had, not counting stillhirths?	24a. Last week, how long did it usually take this person
	Do not count her stepchildren 7 8 9 10 11 12 or	to get from home to work (one way)?
(For example: Afro-Amer., English, French, German, Honduran	or children she has adopted.	
Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican,		. Minutes
Nigerian, Polish, Ukrainian, Venezuelan, etc.)	21. If this person has ever been married -	
C. Didding and Part alice and	a. Has this person been married more than once?	b. How did this person usually get to work last week?
5a. Did this person live in this house five years ago	Once O More than once	If this person used more than one method, give the one
(April 1, 1975)?  If in college or Armed Forces in April 1975, report place	b. Month and year Month and year	usually used for most of the distance.
of residence there.	b. Month and year Month and year of marriage? of first marriage?	O Car O Taxicab
	Or marriage:	O Truck O Motorcycle
Born April 1975 or later – Turn to next page for next person		O Van O Bicycle
Yes, this house - Skip to 16	(Month) (Year) (Month) (Year)	O Bus or streetcar O Walked only, O Railroad O Worked at horne
_ ○ No, different house	c. If morried more than once - Did the first marriage	Subway or elevated Other — Specify ————————————————————————————————————
No, different nouse	end because of the death of the husband (or wife)?	
b. Where did this person live five years ago	○ Yes ○ No	If car, truck, or van in 24b, go to 24c.
(April 1, 1975)?		Otherwise, skip to 28.
(1) State, foreign country,	FOR CENSU	S USE ONLY
	Per. 11. 13b. 14.	15b. 23.
Puerto Rico,	1.	,
Guam, etc.:	No. 000 000 000	000 000 000 000 000 00
		111 111 111 111 111 111
	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
(2) County:	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
(2) County:	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	444 444 444 444 44
(2) County:		555 555 555 555 555 55
	5 555 >55 555	
(3) City, town, village, etc.:	6 666 666 666	666 666 666 666 66
(3) City, town, village, etc.: (4) Inside the incorporated (legal) limits	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	777 777 777 777 777 7.7
(3) City, town, village, etc.: (4) Inside the incorporated (legal) limits of that city, town, village, etc.?	6 666 666 7 777 777 0 888 888 888 888	777 777 777 777 777 777 77
(3) City, town, village, etc.: (4) Inside the incorporated (legal) limits	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	777 777 777 777 777 7.7

c. When going to work last week, did this person usually -	CENSUS	31a. Last year (1979), did this person work, even for a few	CENSUS	USE ONLY	
<ul> <li>Orive alone — Skip to 28</li> <li>O Drive others only</li> <li>Share driving</li> <li>Ride as passenger only</li> </ul>	21b.	days, at a paid job or in a business or farm?  O Yes  O No — Skip to 31d	31ь. 31с	. 31d.	
d. How many people, including this person, usually rode	000		00 0	0 00	
to work in the car, truck, or van <u>last week?</u> O 2 — O 4 O 6	1133	b. How many weeks did this person work in 1979?  Count paid vacation, paid sick leave, and military service.	3 3 3 5 5 5	3 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
0 3 0 5 0 7 or more	099	Weeks	44 4	9- 9- 9-	
After answering 24d, skip to 28.  25. Was this person temporarily absent or on layoff from a job	III 5 5	c. During the weeks worked in 1979, how many hours did	6 6	5   5 5 6   6	
or business <u>last week?</u>	1V 8 8	this person usually work each week?	7 7 8	7   7	
<ul> <li>Yes, on layoff</li> <li>Yes, on vacation, temporary illness, labor dispute, etc.</li> </ul>	099	Hours	9 9	9 9	
O No	22ь.	d. Of the weeks <u>not worked</u> in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?		32ь.	
26a. Has this person been looking for work during the last 4 weeks:  — O Yes  O No — Skip to 27	11	Weeks	1111	1111	
b. Could this person have taken a job last week?	3 3 5 5	32. Income in 1979	3333	3333	0
No, already has a job	4 4 5 5	Fill circles and print dollar amounts.	4444	9-9-9-9-	9
No, temporarily ill     No, other reasons (in school, etc.)	66	If net income was a lass, write "Loss" above the dollar amount.  If exact amount is not known, give best estimate. For income	6666	6666	? G
O Yes, could have taken a job	? ? 8 8	received jointly by household members, see instruction guide.	8888	8888	5 4
27. When did this person last work, even for a few days?	99	During 1979 did this person receive any income from the following sources?	9999 A 0		3
○ 1980 ○ 1978 ○ 1970 to 1974 ○ 1979 ○ 1975 to 1977 ○ 1969 or earlier \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	28. A B C	If "Yes" to any of the sources below — How much did this	32c.	32d.	I .
Never worked 31d	000	person receive for the entire year?  a. Wages, salary, commissions, bonuses, or tips from	0000	0000	
28 – 30. Current or most recent job activity  Describe clearly this person's chief job activity or business last week.	DEF	all jobs Report amount before deductions for taxes, bonds, dues, or other items.	5 5 5 5	5555	
If this person had more than one job, describe the one at which this person worked the most hours.	G H J	○ Yes → \$ .00	9999	9949	
If this person had no job or business last week, give information for last job or business since 1975.	000	O No (Annual amount – Dollars)	5555		0
28. Industry	K L M	b. Own nonfarm business, partnership, or professional practice Report net Income after business expenses.	7777	2777	9
a. For whom did this person work? If now on active duty in the Armed Forces, print "AF" and skip to question 31.		. ○ Yes → \$ .00	9999	19999	•
Aimed Forces, print AF und skip to question 31.	111	No (Annual amount – Dollars)	O A O		G 5
(Name of company, business, organization, or other employer)	33	c. Own farm  Report <u>net</u> income after operating expenses. Include earnings as	32e. ∅ ∅ ◊ ◊	32f.	4- 3
b. What kind of business or industry was this?  Describe the activity at location where employed.	4 4 5 5	a tenant farmer or sharecropper.  ○ Yes → \$ 00	2 S S	SSS	1 S
	66	No (Annual amount – Dollars)	3 3 3	3 3 3	
(For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)	7 7 8 8	d. Interest, dividends, royalties, or net rental income	9 4 4 5 5 5		
c. Is this mainly (Fill one circle)	99	Report even small amounts credited to an account.  ○ Yes → \$ .00	666	666	
<ul> <li>Manufacturing</li> <li>Wholesale trade</li> <li>Other — (ogriculture, construction, service, government, etc.)</li> </ul>	NW O	O No (Annual amount – Dollars)	888		
29. Occupation	29.	e. Social Security or Railroad Retirement	32g.	33.	1
a. What kind of work was this person doing?	NPQ	○ Yes → \$ .00 ○ No (Annual amount — Dollars)	0000	0000	
(For example: Registered nurse, personnel manager, supervisor of	000	f. Supplemental Security (SSI), Aid to Families with	2 S S S S I I I I I I I	1111	
b. What were this person's most important activities or duties?	RST	Dependent Children (AFDC), or other public assistance or public welfare payments	3333		
	UVW	○ Yes → \$ .00	5 5 5 5		
(For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)	XYZ	No (Annual amount – Dallars)	2777	7777	
30. Was this person (Fill one circle)	000	g. Unemployment compensation, veterans' payments. pensions, alimony or child support, or any other sources	8888	9999	
Employee of private company, business, or individual, for wages, salary, or commissions	00	of income received regularly  Exclude lump-sum payments such as money from an Inheritance		0 A 0	
Federal government employee	S S I I	or the sale of a home.	1 1 1		_
State government employee	333	○ Yes → \$ .00 ○ No (Annual amount — Dollars)	3 3 3	3 3 3 3 5 5 5 5 5 5	
Self-employed in own business,	5 5 5	33. What was this person's total income in 1979?	5 5 5		
professional practice, or farm —  Own business not incorporated	666	Add entries in questions 32a through q; subtract any losses.		6 666	
Own business incorporated	888	If total amount was a loss, (Annual amount – Dollars)	88 8	8 888	
Working without pay in family business or farm O	>	write "Loss" above amount. OR O None  Please turn to the next page and answer the question		9 999	70.2

Page 20

# Please Make Sure You Have Filled This Form Completely

For persons who answered in Question 1 that they are staying here only temporarily and have a usual home elsewhere, enter the address of usual home here:						
House number	Street or road	Apartment number or location				
City		County				
State		ZIP Code				
For Answers to Que	stions H1, H2, and	нз:				
H1. Name of perso	n(s) left out and rea	ason:				
H2. Name of person	n(s) away from hom	ne and reason away:				
H3. Name of visitor(s) for whom there is no one at the home address to report the person to a Census Taker:						
Million to Million III was done						

## NOTE

If you have listed more than 7 persons in Question 1, please make sure that you have filled the form for the first 7 people. Then mail back this form. A Census Taker will call to obtain the information for the other people.

- 1 Check to be certain you have:
  - Answered Question 1 on page 1.
  - Answered Questions 2 through 10 for each person you listed at the top of pages 2 and 3.
  - Answered Questions H1 through H32 on pages 3, 4, and 5.
  - Filled a pair of pages for each person listed on pages 2 and 3. That is, pages 6 and 7 should be filled for the Person in column 1; pages 8 and 9 for the Person in column 2, etc.

Please notice we need answers to questions 17 through 33 for every person born before April 1965 even though they may not seem to apply to the particular person.

For example, you may have forgotten to fill all the necessary circles on work or on income for a teenager going to school, or a retired person. To avoid our having to check with you to make sure of the answer, please be certain you have given all the necessary answers.

Write here the name of the person who filled the form, the date the form was completed, and the telephone number on which the people in this household can be called.

Name			
Date		general and administration of the Company of the Co	
Telephone Nun	nber		

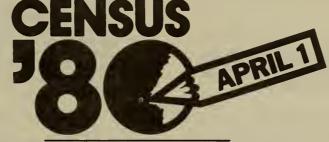
Then fold the form the way it was sent to you. Mail it back in the enclosed envelope. The address of the U.S. Census Office appears on the front cover of this questionnaire. Please be sure that before you seal the envelope the address shows through the window. No stamp is required.

Thank you very much.

* GPO : 1979 - 305-095

## Form D-4. Your Guide to Census '80

# Your Guide to



This guide gives
helpful information
on filling out your census
form. If you need more
help, call the local
U.S. Census office.
The telephone
number is given in the
address box on the cover
of the questionnaire.

## On the inside

	page
What the census is about	2-3
How to fill out your census form	4-5
Example	4-5
Why the census asks certain questions	6
Instructions for the census questions	7-15

U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS

FORM D-4

Page 2

#### Page 3

# WHAT THE CENSUS IS ABOUT—some questions and answers

### What is the 1980 Census?

The census is an official count of the total number of people in our Nation as of April 1, 1980. Information is also collected on characteristics such as age, sex, and marital status.

#### Why are people being counted in a census?

The U.S. Constitution requires that a census be taken at least once every 10 years. It is extremely important that this count is accurate because it is used to determine the number of seats each State may have in the U.S. House of Representatives.

## Who sees the census form you fill out?

The law which authorizes the census (title 13, U.S. Code), also provides that your answers are confidential. For the next 72 years—that is, until April 1, 2052—no one may see your answers except census workers. They are sworn not to disclose your information and they can be fined and/or imprisoned for any violation. That means that no other government agency (whether Federal, State, county, or local), and no other person or business can see your individual report.

What does the Census Bureau do with the information you provide?

The individual information collected in the census is grouped together into statistical totals. The table below from the 1970 census is an example of how census information is combined into overall figures:

Mumbar	of Doroone	hu Ago and	1 Cay . 1070

wanter of relating by	rigo and oux. To	
Age	Male	Female
Total persons in U.S	98,912,192	104,299,734
Under 5 years	8,745,499	8,408,838
5 to 14 years	20,759,233	19,986,482
15 to 24 years	17,551,116	17,890,253
25 to 44 years	23,448,593	24,546,641
45 to 64 years	19,992,043	21,817,726
65 to 74 years	5,437,084	6,998,372
75 years and over	2,978,624	4,651,422

#### Who uses the statistical totals?

Your representation in the Congress, in State legislatures, in county, city, and town councils, is based on the statistical totals. Schools, the Federal Government, businesses, and States, cities, and citizen groups all use these figures to plan their work and to measure our country's problems and progress. Another very important use of the census figures is for the distribution of funds to communities. For example, the number of children and income of families determines how much money a county will get under the Elementary and Secondary Education Act.

## How long have we been taking the census?

The first census was taken in 1790 in accordance with the requirement in the first article of the Constitution. A census has been taken at the beginning of every decade since, so the 1980 census will be the 20th enumeration of the U.S. population.

## How are you being counted?

In this area, and in most areas of the country in 1980, census forms are mailed to all households a few days before Census Day. Households are requested to fill out the form and mail it back to the Census office. In the remaining areas of the country, mostly those with thinly settled population, enumerators go from door-to-door to obtain the information directly from the households.

What happens if you don't mail back the census form for your household?

If a census form for your household is not received, a census taker will be sent out to assist you. But it saves time and your taxpayer dollars to fill out the form yourself and mail it back.

#### Is the census mandatory?

The same law that protects the confidentiality of your answers requires that you provide the information asked in a census to the best of your ability. Each question is carefully selected to meet data needs that cannot be satisfied through any other statistical or administrative data source.

### What do the black squares on the census form mean?

Those black squares are the markers which direct a machine to "read" the circles that you filled in. The machine can only read filled-in circles in the areas around the black squares. It automatically transfers these answers to computer tape for tabulation.

What should you do if you have a question about filling out the census form or need assistance?

Call the local U.S. Census Office. The telephone number is given in the address label on the cover of the census form.

#### Page 4

## HOW TO FILL OUT YOUR CENSUS FORM

Page 5

- There may be a question you cannot answer exactly. For example, you
  might not know the age of an elderly person or the price for which your
  house would sell. See if someone else in your household knows; if no
  one does, give your best estimate.
- If someone in the household, such as a roomer or boarder, does not want to give you all the information for the form, write in at least the person's name and answer questions 2 and 3. A census taker will call to get the other information directly from the person.
- If you are not sure if you should list a person, see the rules on page 1 of the census form.
- Use a black pencil to answer the census questions. Since this form is "read" by a machine, black pencil is better to use than ballpoint or other pens. Fill circles "O" like this: . If you need to change an answer, erase the mark completely before filling the correct circle.
- If there are more than seven people in your household, please list all the
  persons in question 1, complete the form for seven people, and mail it
  back in the enclosed envelope. A census taker will call to obtain the
  additional information.

PERSON in column 3

## **EXAMPLE**

Here are the These are the columns	PERSON in column 1	PERSON in column 2	PERSON IN COLUMN 3	PERSON IN COMMIN 4	1
THE STEELING AND	Doe	Doe	Doe.	Smith	-
QUESTIONS  Please fill one column for e		Frances		Mary J.	Plant
How is this person related to the per in column 1?  Fill one circle.	START in this column with the household member (or one of the members) in whose	If relative of person in column 1  Husband/wife Father/mother Son/daughter Other relative Brother/sister	If relative of person in column 1:  Husband/wife O Father/mother  Son/daughter  Brother/sister	If relative of person in column 1:  O Husband/wife O Son/daughter O Brother/sister  Grandmother	
If "Other relative" of person in column 1, give exact relationship, such as mother-in- niece, grandson, etc.	name the home is owned or rented. If there is no such person, start in this column with any adult household member.	If not related to person in column 1  Roomer, boarder Other nonrelative Partner, roommate Paid employee	If not related to person in critumn 1:  Roomer, boarder Other nonrelative Partner, roommate Paid employee	If not related to person in column 1:   Roomer, boarder   O Other nonrelative     Partner, roommate    Paid employee	
3. Sex Fill one circle.	Male    Female	Male Female	Male Female		4
4 Is this person —  Fill one circle.	White Asian Indian Black or Negro Hawaiian Japanese Guarmanian Chinese Samoan Filipino Eskimo Korean Aleut Vietnamese Other — Specify — Indian (Amer ) Print Iriob: —	White Asian Indian Black or Negro Hawaiian Japanese Guamanian Chinese Sanoan Filipino Esimo Korean Aleut Vietnamese Other — Specify Indian (Amer ) Print Inde —	White	White	
5. Age, and month and year of birth a. Print age at lost birthday. b. Print month and fill one circle. c. Print year in the spaces, and fill one circle below each number.	a. Age et last c. Year of birth birthday 2 9 1 1 8 8 8 8 9 1 1 1 1 1 1 1 1 1 1 1 1	a Age at last birmday 2 8 1 0 8 0 8 0 8 0 1 1 1 birth 3 3 3 1 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	a. Age at last birthday  b. Month of birth  December  Jan — Mar.  Apr — June  Juny— Sept.  Oct — Dec  9 9 9 9	e. Age at last birthday	48-0
6. Marital status Fill one circle.	Now married Separated     Widowed Never married     Ovorced	Now married Separated     Widowed Never married     Divorced	Now married	O Now married O Separated Widowed Never married Divorced	
7. Is this person of Spanish/Hispanic origin or descent?  Fill one circle.	No (not Spanish/Hispanic) Yes Mexican, Mexican Amer, Chicano Yes, Puerto Rican Yes, Cuban Yes, Other Spanish/Hispanic	No (not Spanish/Hispanic) Yes, Mexican, Mexican - Amer, Chicano Yes, Puerto Rican Yes, Cuban Yes, other Spanish/Hispanic	No (not Spanish/Hispanic)     Yes, Mexican, Mexican - Amer., Chicano     Yes, Puerto Rican     Yes, Cuban     Yes, other Spanish/Hispanic	No (not Spanish/Hispanic) Yes, Mexican, Mexican - Amer., Chicano Yes, Puerto Rican Yes, Cuban Yes, other Spanish/Hispanic	
Since February 1, 1980, has this per attended regular school or college at any time Fill one circle. Count nursery scholled and schooling leads to a high school diploma or college degree.	Yes, public school, public college Yes, private, church - related	No, has not attended since February 1 Yes, public school, public college Yes, private, church related Yes, private, not church-related	No, has not attended since February 1 Yes, public school, public college Yes, private, church - related Yes, private, not church-related	No, has not attended since February 1 Yes, public school, public college Yes, private, church - related Yes, private, not church-related	
What is the highest grade (or year) or regular school this person has ever attended?     Fill one circle.	Nirsery school Kindergarten  Elementary through high school (grade or year)  1 2 3 4 5 6 7 8 9 10 11 12	Nighest grade attended:  Nursery school  Elementary through high school (grade or year)  1 2 3 4 5 6 7 8 9 10 11 12	Highest grade attended:   Nursery school   Kindergarten	Highest grade attended:	Elen
If naw attending school, mark grade person is in. If high school was linished by equivalency test (GED), mark "12."	College (academic year)  1 2 3 4 5 6 7 8 or more  Never attended school — Skip question 10	College (academic year)  1 2 3 4 5 6 7 8 o more  Never attended school – Skip question 10	College (academic year)  1 2 3 4 5 6 7 8 or more  0 0 0 0 0 0 0  Never attended school = Skip question 10	College (ecademic year)  1 2 3 4 5 6 7 8 or more  0 0 0 0 0 0 0  Never attended school - Ship question 10	Colle
Did this person finish the highest grade (or year) attended?  Fill one circle.	Now attending this grade (or year) Finished this grade (or year) Did not finish this grade (or year)	Now attending this glade  Finished this grade (or year)  Did not tinish this grade (or year)	Now attending this grade (or year) Finished this grade (or year) Did not finish this grade (or year)	Now attending this grade (or year)     Finished this grade (or year)     Did not finish this grade (or year)	

Page 6

#### WHY THE CENSUS ASKS CERTAIN QUESTIONS

Here are a few reasons for asking some of the questions — characteristics are as important as the count.

- Name? Names are a convenient way to be sure that everyone in a household is counted, but no one is counted twice. However, names are removed before your answers are combined with those of other households for statistical purposes.
- Marital status? This information is used along with information on other characteristics to identify areas with large numbers of working wives, elderly widowed persons, etc., in order to plan facilities and services for these groups.
- Spanish/Hispanic origin or descent? The identification of Spanish/Hispanic origin groups is important for a better understanding of cultural differences and for the carrying out of laws and programs aimed at improving the economic conditions of these groups.
- Complete plumbing? This question gives information on the quality of housing; the data are used with other statistics to show how the "level of living" compares in various areas and how it has changed over time.
- Value or rent? Government and planning agencies use this information in combination with other characteristics to develop housing programs designed to meet the needs of people at different economic levels.
- Cost of utilities and fuels? These data, when combined with rent and mortgage payment, are a very important factor in determining the total cost of what people spend for their housing in different areas of the country.
- Telephone in living quarters? This information is used by health planning agencies to identify areas with large numbers of aged or disabled persons who cannot call for assistance in an emergency.
- Place of birth? This question provides information used to study long-term trends as to where people move, and to study migration patterns and differences in growth patterns.
- Number of babies? Information on the number of children women have had is necessary to determine how much our country has grown, and based on this, what we can expect in the future. Population changes due to births will affect how we plan for facilities, such as schools.
- Job? Answers to the questions about the jobs people hold provide information on the extent and types of employment in different areas of the country. From this information, training programs can be developed and the need for new industries can be determined.
- Income? Income, more than any other factor, determines how families or persons live, and thus is an extremely important indicator of the economic level of your local area. The income level of a community is used as a basis for distributing money to States and local areas for programs such as Federal Revenue Sharing. Information on income cannot be obtained from tax forms because certain types of income (for example, Social Security) are not taxable.

## INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

Page 7

- List in question 1 (on page 1), the names of all the people who
  usually live here. Then turn to pages 2 and 3 where there are
  columns to list up to seven persons. In the first column print the
  name of one of the household members in whose name this home is
  owned or rented. If no household member owns or rents the living
  quarters, list in the first column any adult household member who is
  not a roomer, boarder, or paid employee. Print the names of the
  other household members, if any, in the columns which follow,
  using question 1 as a checklist.
- 2. Fill a circle to show how each person is related to the person in column 1.

A stepchild or legally adopted child of the person in column 1 should be marked Son/daughter. Foster children or wards living in the household should be marked Roomer, boarder.

- 3. Be sure to fill a circle for the sex of each person.
- 4. Fill the circle for the category with which the person most closely identifies. If you fill the Indian (American) or Other circle, be sure to print the name of the specific Indian tribe or specific group.
- 5. Enter age at last birthday in the space provided (enter "O" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.
- 6. If the person's only marriage was annulled, mark Never married.
- 7. A person is of Spanish/Hispanic origin or descent if the person identifies his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.
- 8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A public school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.
- 9. Fill only one circle. Mark the highest grade ever attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for Nursery school.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark Finished this grade (or year) only if the person finished the entire grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

Page 8

### **INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12**

- H4. Mark only one circle. This address means the house or building number where your living quarters are located.
- H5. Mark the second circle only if you must go through someone else's living quarters to get to your own.
- H6. Consider that you have hot water even if you have it only part of the time.

Mark Yes, but also used by another household if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.

- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.
- H8. Mark Owned or being bought if the living quarters are owned outright or are mortgaged. Also mark Owned or being bought if the living quarters are owned but the land is rented.

Mark Rented for cash rent if any money rent is paid. Rent may be paid by persons who are not members of your household.

Occupied without payment of cash rent includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.

- H9. A condominium is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.
- H10b. A commercial establishment is easily recognized from the outside, for example, a grocery store or barber shop. A medical office is a doctor's or dentist's office regularly visited by patients.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.
- H12. Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other wee	k 2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

## **INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20**

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H13. Mark only one circle.

Detached means there is open space on all sides, or the house is joined only to a shed or garege. Attached means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark A one-family house detached from any other house when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

- H14a. Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.
- H15a. A city or suburban lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A place is a farm, ranch, or any other property, other than a city or suburban lot, on which this residence is located.

H16. If a well provides water for six or more houses or apartments, mark
A public system. If a well provides water for five or fewer houses
or apartments, mark one of the categories for individual well.

Drilled wells, or small diameter wells, are usually less than 1½ feet in diameter. Dug wells are generally hand dug and are wider.

- H17. A public sewer is operated by a government body or a private organization. A septic tank or cesspool is an underground tank or pit used for disposal of sewage.
- H19. The term person in column 1 refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into this house or apartment.
- **H20.** This question refers to the type of *heating equipment* and not to the fuel used.

An electric heat pump is sometimes known as a reverse cycle system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A floor, wall, or pipeless furnace delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a portable room heater.

Page 10

### **INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32**

- H21. Gas from underground pipes is piped in from a central system such as one operated by a public utility company or a municipal government. Bottled, tank, or LP gas is stored in tanks which are refilled or exchanged when empty. Other fuel includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.
- H22. If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly average for the past 12 months; for water and other fuels, the total amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ( { } ) the two utilities.

- H23. The kitchen sink, stove, and refrigerator must be located in the building but do not have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.
- H26. Answer Yes only if the telephone is located in your living quarters.
- H27. Count only equipment used to cool the air by means of a refrigeration unit.
- H28 H29. Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do not count cars or trucks permanently out of working order.
- H30 H32. Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.
- H30. Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.
- H31. When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.
- H32a. The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.
  - b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
  - c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

**INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14** 

Page 11

11. For persons born in the United States:

Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

For persons born outside the United States:

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (not Great Britain or United Kingdom). Specify the particular island in the Caribbean, not, for example, West Indies.

 This question is only for persons born in a foreign country. Fill the Yes, a naturalized citizen circle only if the person has completed the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

13a. Mark No, only speaks English if the person always speaks English at home; then skip to question 14.

Mark Yes if the person speaks a language other than English at home. Do not mark Yes for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

- b. Print the non-English language spoken at home. If this person speaks two or more non-English languages at home and cannot determine which is spoken most often, report the first language the person learned to speak.
- c. Fill the circle that best describes the person's ability to speak English.
  - (1) The circle Very well should be filled for persons who have no difficulty speaking English.
  - (2) The circle Well should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.
  - (3) The circle Not well should be filled for persons who are seriously limited in their ability to speak English.
  - (4) The circle Not at all should be filled for persons who do not speak English at all.
- 14. Print the ancestry group with which the person identifies. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

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#### **INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20**

- 15a. Mark Yes, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark No, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).
  - b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.
    - Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did not live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.
    - Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City print the borough name if the county name is not known. If an independent city, leave blank.
    - Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.
    - Part (4) Mark Yes if you know that the location is *now* inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.
- 17a. Mark Yes only if this person was on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark No if the person was in the National Guard or the reserves.
  - b. Mark Yes if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark No if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.
  - c. Mark Yes, full time if the person worked full time (35 hours or more per week). Mark Yes, part time if the person worked part time (less than 35 hours per week). Mark No if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.
- 18a. Mark Yes if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark Yes only if the person was ever called to active duty; mark No if the only service was active duty for training.
  - b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.
- 19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should not be considered a health condition.
- Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

## **INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26**

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- 21. If the exact date of marriage is not known, give your best estimate.
- 22a. Mark Yes if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

### Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc. Active duty in Armed Forces.

#### Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

- b. Give the actual number of hours worked at all jobs last week, even if that was more or fewer hours than usually worked.
- 23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked most last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.

If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.

- 24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.
  - b. Mark Worked at home for a person who works on a farm where he or she lives, or in an office or shop in the person's home.
  - c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark Drive alone.
  - d. Do not include riders who rode to school or some other non-work destination.
- If the person works only during certain seasons or on a day-to-day basis when work is available, mark No.
- 26a. Mark Yes if the person tried to get a job or to start a business or professional practice at any time in the last four weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.
  - b. Mark No, already has a job if the person was on layoff or was expecting to report to a job within 30 days.

Mark No, temporarily ill if the person expects to be able to work within 30 days.

Mark No, other reasons if the person could not have taken a job because he or she was going to school, taking care of children, etc.

## Page 14 INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

- 27. Look at the instructions for 22a to see what to count as work. Mark Never worked if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm and (3) never served in the Armed Forces.
- 28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."
  - b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity at the place where the person works. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable	Acceptable
Furniture company	Metal furniture manufacturing
Grocery store	Wholesale grocery store
Oil company	Retail gas station
Ranch	Cattle ranch

c. Mark Manufacturing if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark Wholesale trade if the business mostly sells things to stores or other companies.

Mark Retail trade if the business mostly sells things (not services) to individuals.

Mark Other if the main activity of the employer is not making or selling things. Some examples of Other are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable	Acceptable
Clerk	Production clerk
Helper	Carpenter's helper
Mechanic	Auto engine mechanic
Nurse	Registered nurse

b. Print the most important things that the person does on the job. Some examples are shown on the census form.

## INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

**30.** If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle.

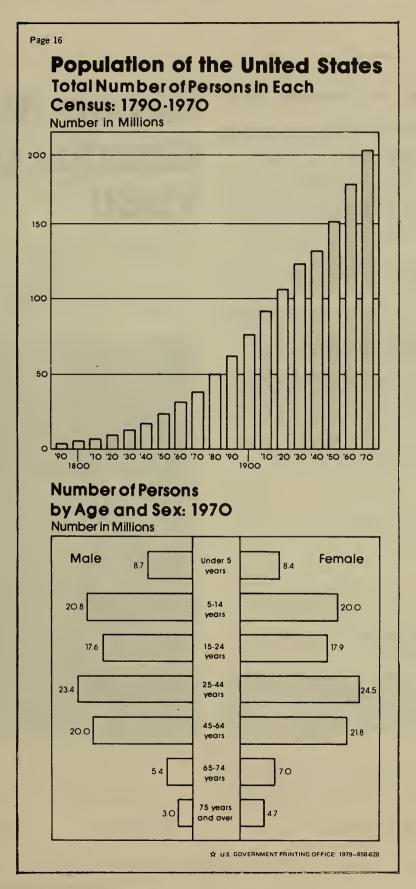
Mark Local government employee for a teacher working in an elementary or secondary public school.

- 31a. Look at the instructions for question 22a to see what to count as work.
  - Count every week in which the person did any work at all, even for an hour.
  - c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.
  - d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. Looking for work means trying to get a job or start a business or professional practice; layoff includes either temporary or indefinite layoff.
- 32. Fill the Yes or No circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark No for the other person, unless the other person has additional income of the same type.
  - a. Include sick leave pay. Do not include reimbursement for business expenses and pay "in kind," (for example, food, lodging received as payment for work performed).
  - b. Include net earnings (gross earnings minus business expenses) from a 1 nonfarm business. If business lost money, write "Loss" above the 3 amount.
  - c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.
  - d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.
  - Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.
  - f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.
  - g. Include all other regular payments, such as government employees retirement, union or private pensions and annuities; unemployment of benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the None circle. If total income was a loss, write "Loss" above the amount.

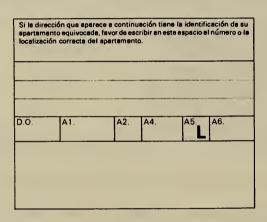
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## Form D-2S, Censo de los Estados Unidos, 1980

Favor de llenar completamente este Cuestionario Oficial del Censo y devolverlo por correo el Día del Censo, martes, 1 de abril de 1980

# Censo de los Estados Unidos, 1980



# Sus respuestas son confidenciales

Por ley (título 13, Código de los Estados Unidos), los empleados del censo están sujetos a multa y/o prisión por cualquier divulgación de sus respuestas. Solamente después de los próximos 72 años es que su información está disponible a otras agencias gubernamentales o al público. La misma ley requiere que usted conteste las preguntas según su mejor saber y entender.

Un mensaje del Director de la Oficina del Censo.

Si nuestra Nación ha de hacer frente con éxito a los muchos retos nacionales y locales que afrontamos, debemos, de tiempo en tiempo, hacer un inventario de nosotros mismos como pueblo. Este es el propósito del censo de 1980.

La necesidad esencial de un censo poblacional se reconoció casi 200 años atrás cuando se redactó nuestra Constitución. Según estipula el artículo 1, el primer censo se llevó a cabo en 1790 y, desde entonces, se ha efectuado uno cada 10 años.

La ley bajo la cual se toma el censo protege la confidencialidad de sus respuestas. Por los próximos 72 años, o hasta el 1 de abril del año 2052, unicamente empleados juramentados del censo tienen acceso a los informes individuales y ninguna otra persona puede verlos.

Sus respuestas, al combinarse con las de otras personas, proveerán las estadísticas que necesitan los grupos públicos y privados, las escuelas, el comercio y la industria, y los gobiernos federales, estatales y locales a través de la nación. Estas cifras ayudarán a todos los sectores de la sociedad americana a entender cómo está cambiando nuestra población y nuestra vivienda. En esta forma, podemos tratar más eficientemente con los problemas del presente y trabajar hacia un futuro mejor para todos nosotros.

El censo es una actividad necional de vital importancia. Por favor, cumpla con su obligación contestando este cuestionario del censo correcta y completamente. Si usted devuelve este cuestionario por correo a su tiempo, en el sobre con franqueo pagado que se le incluye, ahorrará el gasto e inconveniencia de que un enumerador del censo la visite.

Gracias por su cooperación.

U.S. Department of Commerce Bureau of the Census Form D-2S

Form Approved: O.M.B. No. 41-S78006

Haga el favor de continuar

## Cómo llenar su Cuestionario del Censo

Página 1

Vea el ejemplo en las páginas 4 y 5 de la guía amarilla de instrucciones. Esta guía le ayudará a resolver las dudas que usted pueda tener.

> Si necesita más ayuda, llame a la Oficina del Censo. El número de telefono aparece en la portada del cuestionario. Este número está en la parte inferior del encasillado de la dirección.

Use un lápiz para contestar las preguntas. Es preferible usar un lápiz que una pluma de punto redondo (ballpoint) u otras plumas.

Llene los círculos "O" completamente, así: •

Cuando escriba una respuesta, use letra de molde o escriba claramente.

Asegúrese de incluir la información sobre todas las personas que viven aquí.

Refiérase a la página 4 de la guía si un huésped o alguna otra persona en el hogar rehusa darle toda la información que se requiere en este cuestionario

Conteste las preguntas en las páginas 1 a la 5. Luego, comenzando en las páginas 6 y 7, conteste dos páginas para cada persona en el hogar

> Verifique sus respuestas. Luego escriba su nombre, la fecha y su número de teléfono en la página 20

Devuelva este cuestionario por correo el martes, 1 de abril o lo más pronto posible después de esa fecha. Use el sobre que se le incluye. No necesita sello de correo.

Tenga la bondad de comenzar a anotar sus respuestas contestando la pregunta que sigue.

## Pregunta 1

#### Anote en la Pregunta 1

- · Miembros de la familia que viven aquí, incluyendo bebés que aún están en el hospital
- Parientes que viven aquí.
- · Pupilos o huéspedes que viven aquí.
- Otras personas que viven aquí.
- · Estudiantes universitarios que viven aquí mientras asisten a la universidad, aunque sus padres vivan en otro lugar.
- Personas que regularmente viven aquí pero que están fuera de casa temporalmente (incluyendo niños que están en escuelas de internos de un nivel académico inferior al de universidad).
- · Personas que tienen residencia en otro lugar pero que por razones de su empleo se quedan aquí la mayor parte de la semana.

#### No Anote en la Pregunta 1

- · Cualquier persona ausente del hogar sirviendo en las Fuerzas Armadas.
- · Cualquier estudiante universitario que se hospeda en otro lugar mientras asiste a la universidad
- · Cualquier persona que generalmente se queda en otro lugar la mayor parte de la semana por razón de su empleo.
- · Cualquier persona ausente del hogar por estar recluída en una institución como un asilo de ancianos o un hospital para dementes.
- Cualquier persona que se queda aquí o que está visitando aquí pero que tiene su residencia habitual en otro lugar.

1. ¿Cuál es el nombre de cada persona que vivía aquí el martes, 1 de abril de 1980 o que se quedaba aquí o estaba de visita aquí y no tenía otro hogar?

## **NOTA**

Si todas las personas están aquí temporalmente y tienen residencia habitual en otro lugar, favor de 

### Luego, por favor:

- · conteste solamente las preguntas en las páginas 2 a la 5; después,
- anote la dirección de su residencia habitual en la página 20.

Haga el favor de continuar -

ágina 2			STE TAMBIÉN LAS PREGUNTAS SOBRE L	
	Testas son las columnas	PERSONA en la columna 1 Apellido	PERSONA en la columna 2  Apellido	PERSONA en la celumna 3 Apellido
Aquí están	para las RESPUESTAS	Apenido	Apenius	Apenido
PRZGUNTAS	Favor de lienar una columna para cada persona anolada en la Pregunta 1.	Nombre Inicial	Nombre Inicial	Nombre Inicial
Liene un cli Si marca "C en la colum	parentesce de esta persena con inotada en la celumna 1? (culo.  Otro pariente": de la persona na 1, anote la relación exacta, egra, aobrina, nieto, etc.	EMPIECE en esta columna y enote el nombre del miembro del hogar (o uno de los miembros) que es dueño de o elquila le vivienda. Si no hey tal persona, anote en esta columna el nombre de cualquier adulto que sea miembro del hogar.	SI es pariente de la persona anotada en la columna 1:  O Esposo/esposa O Padre/madre O Hijo/hija O Otro pariente, Hermano/hermana Si no es pariente de la persona anotada en la columna 1: O Pupilo, huésped O Otro que no Socio, compañero de cuarto Empleado	Si es pariente de la persona anotada en la columna 1:  O Esposo/esposa O Padre/madre O Hijo/hija O Otro pariente O Hermano/hermana Si no es pariente de la persona anotada en la columna 1:  O Pupilo, huésped O Otro que no O Socio, compañero de cuarto Empleado
3. Seso Liene un ci	írculo,	O Masculino O Femenino	O Masculino O Femenino	O Masculino O Femenino
4. ¿Es esta po	ersona —	O Blanca? O India Asiática? O Negra? O Hawaiana? O China? O Samoana? O Filipina? O Esquima!? O Coreana? O Aleuta? O Vietnamita? O Otra — O India (Americana)? A Rolle la Iribu —	O Blanca?   O India Asiática? O Negra?   O Hawaiana? O Japonesa?   O Guamesa? O China?   O Samoana? O Filipina?   O Esquimal? O Coreana?   O Aleuta? O Vietnamita?   O Otra — O India (Americana)?   Especifique Anoto la tribu	O Blanca? O Negra? O Japonesa? O China? O Filipina? O Coreana? O Vietnamita? O India Asiática? O Guamesa? O Samoana? O Esquimal? O Loreana? O Vietnamita? O India (Americana)?  Anote la tribu
a. Anote si b. Anote el c. Anote en los tres y llane b	lda y mee y año de nacimianto o eded cumplida. mes y liene un círculo. o las castilas en blanco últimos digitos del año aelo cada dígito el círculo eaponde a ese número.	b. Mes de nacimiento    1	a. Edad cumpilda  1	a. Edad c. Año de nacimiento cumplida 1 • 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
6. Estado mat	rimonial o civil de esta persona frcuto,	O Actualmente casada O Separada O Viuda O Nunca se O Divorciada ha casado	O Actualmente casada O Separada O Viuda O Nunca se O Divorciada ha casado	O Actualmente casada O Separada O Viuda O Nunca se O Divorciada ha casado
7. ¿Es esta pe arigen espa Liene un ci	ñol/hispano?	No (no es de origen español/hispano) Sí, mexicana, mexicanoamericana, chicana Sí, puertoriqueña Sí, cubana Sí, otro origen español/hispano	No (no es de origen español/hispano)     Sí, mexicana, mexicanoamericana, chlcana     Sí, puertorriqueña     Sí, cubana     Sí, otro origen español/hispano	No (no es de origen español/hispano)     Sí, mexicana, mexicanoamericana, chicana     Sí, puertorriqueña     Sí, cubana     Sí, ctro origen español/hispano
esta person instrucción incluya gua escuela ele a la obtenci auperior o u	de febrero de 1980, ¿ha asistido a a una escuela o universidad de general? Liene un ofrcuio. dreifa pera niños, kindergerien, mentel e instrucción que conduce fon de un diploma de escuele un título universitario,	No, no ha asistido desde el 1 de febrero Sí, escuela o universidad pública Sí, privada, relacionada a iglesia Sí, privada, no relacionada a iglesia	No, no ha asistido desde el 1 de febrero     Sí, escuela o universidad pública     Sí, privada, relacionada a iglesia     Sí, privada, no relacionada a iglesia	No, no ha asistido desde el 1 de febrero Sí, escuela o universidad pública Sí, privada, relacionada a iglesia Sí, privada, no relacionada a iglesia
9. ¿Cuál es el de instrucci ha asistido?	grado (año) más alto de escuela ón general al cual esta persona	Grado más alto al cual ha asistido:  O Guardería para niños O Kindergarten	Grado más alto al cual ha asistido:  O Guardería para niños O Kindergarten	Grado más alto al cual ha asistido:  O Guardería para niños O Kindergarten
Liene un cli	rculo.	Escuela elemental hasta escuela superior (grado o año)	Escuela elemental hasta escuela superior (grado o año)	Escuela elemental hasta escuela superior (grado o año)
grado que es	nte ssiate e la escuele, indique el sié cursando. Si terminó la escuele exemen de equivalencie (GED), ,,	1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 4 5 6 7 8 9 10 11 12 0 0 0 0 0 0 0 0 0 0 0 0  Universidad o colegio (año académico) 1 2 3 4 5 6 7 8 6 más 0 0 0 0 0 0 0 0  Nunca asistió a la escuela — No conteste la pregunta 10.
0. ¿Terminó e sito si cusi Liene un ci		O Actualmente asiste a este grado (o año) O Terminó este grado (o año) O No terminó este grado (o año)	Actualmente asiste a este grado (o año)     Terminó este grado (o año)     No terminó este grado (o año)	O Actualmente asiste a este grado (o año) O Terminó este grado (o año) O No terminó este grado (o año)
)-2S		PARA USO DEL CENSO SOLAMENTE	PARA USO DEL CENSO SOLAMENTE	PARA USO DEL CENSO SOLAMENTE

PERSONA on la columna 7	CON REFERENCIA A SU VIVIENDA
Apellido	Si usted enotó más de 7 persones en le Pregunte 1,
Nombre Inicial	tevor de leer le nota en le pégine 20.
SI es pariente de la persona anotada	H1. L'Excluyé usted a algulen en la Pregunta 1 per ne exist aggire si deble ser anetade — por ajemplo, un bebé recién necido que adn esté en el hospitel, un husbped que jemblén
en la columna 1:	tiene otro hogar o una persona que permanece aquí de vez
O Esposo/esposa O Padre/madre O Hijo/hija O Otro parlente, O Hermano/hermana	O Sí — En le página 4 anote el nombra de cada persona y la razón para excluirla.  O No
Si no es pariente de la persona anotada en la columna 1:	H2. ¿Anotó usted en la Pregunta 1 a algulen que esta O Sí O No
O Pupilo, huésped O Otro que no Socio, compañero es pariente, de cuarto	ahora ausante de aste hogar — por ejemplo, de  vecaciones u hospitalizado?  O Sí — En la página 4 anote el nombre de cada parsona y la razón por la cual está ausante.  O Sí  O No
O Empleado	O No H11. Si uated vive en una casa de una familia o an
O Masculino O Femenino	H3. ¿Hay algulen aquí de visita que no ha sido anotado? una unidad en un condominio la cual ueted posee
O Blanca? ( O India Asiática?	que no llene en su propio hoger una persona que l'Equal es el valor de este propieded; es decir, por
O Negra? O Hawaiana?	o No cuânto plensa usted que esta propiedad (casa y terreno o unidad en un condominio) se venderia
O Japonesa? O Guamesa? O China? O Samoana?	H4. ¿Cuántas viviendas, ocupadas y desocupades, hey en
O Filipina? O Esquimal?	O Una  No contesta esta pregunta si ásta as una —  Casa móvil o remolque (trailer)
O Coreana? O Aleuta? O Vietnamita? t O Otra —	Casa en una propiedad de 10 ó más acres     Casa con establecimiento comercial
O India (Americana)? Especilique	3 apartamentos o viviendas     4 apartamentos o viviendas
Anota la tribu	O S apartamentos o viviendas         O Menos de \$10,000         O \$50,000 a \$54,999
a. Edad c. Año de nacimiento	0 6 apartamentos o viviendas     0 \$10,000 a \$14,999     0 \$55,000 a \$59,999       0 7 apartamentos o viviendas     0 \$15,000 a \$17,499     0 \$60,000 a \$64,999
cumplida   1	O 8 apartamentos o viviendas
1 0 80 90 90	O 9 apartamentos o viviendas O \$20,000 a \$22,499 O \$70,000 a \$74,999 O \$75,000 a \$79,999
b. Mes de   9 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0   1 0	O Ésta es una casa móvil o un remolque (trailer)  O \$25,000 a \$27,499  O \$80,000 a \$89,999
nacimiento 3 0 3 0	M5. ¿Entra ustad a su vivienda 0 \$27,500 a \$29,999 0 \$90,000 a \$99,999
4040	O Directamente del exterior o por un corredor 0 \$30,000 a \$34,999 0 \$100,000 a \$124,999 común o público? 0 \$35,000 a \$39,999 0 \$125,000 a \$149,999
So; So   So   So   So   So   So   So	O Pasando a través de la vivienda de otra persona? O \$40,000 a \$44,999 O \$150,000 a \$199,999
0 abr.—jun. 7 0 7 0	H6. ¿Tiene su vivienda facilidades sanitarias completas; 0 \$45,000 a \$49,999 0 \$200,000 6 más
O julsep. 8 0 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	es decir, agua callenta y fría por tuberías, inodoro (axcusado) con agua corriente y baño o ducha?  H12. Si usted paga ranta por su vivienda —
O Actualmente casada O Separada	O Sí, para uso exclusivo de los miembros de este hogar O Sí, pero las usan también los miembros de otro hogar
O Viuda O Nunca se	O No, tenemos algunas pero no todas las facilidades sanitarias  Si no paga la renta mensualmenta, vea an la gula da instrucciones cómo calcular la renta mensual.
O Divorciada ha casado	O No hay facilidades sanitarias en la vivienda O Menos de \$50 O \$160 a \$169
No (no es de origen español/hispano)     Sí, mexicana, mexicanoamericana, chicana	H7. ¿Cuántos cuartos tiene en su vivienda? 0 \$50 a \$59 0 \$170 a \$179
O Sí, puertorriqueña	No cuente cuartos da baño, portales, balcones, vasifbulos, corredores o medios cuartos.  No cuente cuartos da baño, portales, balcones, vasifbulos, corredores o medios cuartos.  No cuente cuartos da baño, portales, balcones, vasifbulos, corredores o medios cuartos.  No cuente cuartos da baño, portales, balcones, vasifbulos, corredores o medios cuartos.
O Sí, cubana O Sí, otro origen español/hispano	O 1 cuarto O 4 cuartos O 7 cuartos O \$80 a \$89 O \$200 a \$224 O 2 cuartos O 5 cuartos O 8 cuartos O \$90 a \$99 O \$225 a \$249
O No, no ha asistido desde	O 2 cuartos O 5 cuartos O 8 cuartos O 9 6 más cuartos O \$100 a \$109 O \$225 a \$249
el 1 de febrero O Sí, escuela o universidad pública	M8. ¿Es esta vivienda — 0 \$110 a \$119 0 \$275 a \$299
O Sí, privada, relacionada a iglesia	O Propia o la está comprando usted o algún otro
O Sí, privada, no relacionada a iglesia	O Alquilada por pago en efectivo? O \$140 a \$149 O \$400 a \$499
Grado más alto al cual ha asistido:	O Qcupada gratis? O \$150 a \$159 O \$500 6 más
O Guardería para niños O Kindergarten	PARA USO DEL CENSO ÚNICAMENTE
Escuela elemental hasta escuela superior (grado o año)	A4. Bloque A6. Número B. Tipo de vivienda Para viviendas desocupadas D. Tiempo desocupada E. Total de
1 2 3 4 5 6 7 8 9 10 11 12	Ocupada CI. Lex esta viviando para uno O Menos de 1 mes parsonas
	O Continuación O Estacional/Migratorio? - O De 2 a 6 meses
Universidad o colegio (año académico) 1 2 3 4 S 6 7 8 6 más	
0000000	222 222 O Regular VIVIendas desocupadas O De 1 a 2 años I I I
O Nunca asistió a la escuela – No conteste la pregunta 10.	333 333 O Residencia habitual O Para alquiler O 2 ó más años 222 444 444 en otro lugar O Para venta únicamente
O Actualmente asiste a este grado (o año)	555 555 Alaisiante de O Alquilada o vendida pero E. Indicadores
O Terminó este grado (o año)	GGG GGGG Alojamiento de desocupada 1.0 O Correo 5.5.5
O No terminó este grado (o año)	888 888 O Primer cuestionario O Otra vacante
	999 9999 Continuación C3, ¿Está entablada (boarded up) asta vivienda?

Págin	na 4	CONTESTE TAMBIÉN ESTAS F	PREGUNTAS
M13.	¿Qué describe mejer este adificio?	H21a. ¿Cuál combustible usa principalmente para la calefacción de su vivienda?	PARA USO
	Incluys todos los spartamentos sunque estén desocupados.	O Gas por tubería subterránea O Carbón de piedra	DEL CENSO
	O Casa móvil o remolque (trailer)	que sirve a toda la comunidad O Leña	
	O Casa de una familia, separada de cualquiera otra casa	O Gas en cilindros, tanques o Otra clase de	H22a.
	O Casa de una familia, unida a una o más casas	petróleo líquido combustible  Celectricidad combustible	0 0 0
	O Un edificio para 2 familias	O Acelte combustible, queroseno, etc.	III
	O Un edificio para 3 a 4 familias	b. ¿Cuá) combustible usa principalmente para calentar el agua?	8 8 8
	O Un edificio para 5 a 9 familias	O Gas por tubería subterránea O Carbón de piedra	3 3 3
	O Un edificio para 10 a 19 famillas O Un edificio para 20 a 49 familias	que sirve a toda la comunidad	5 5 5
	O Un edificio para 50 6 más famillas	O Gas en cilindros, tanques o	6 6 6
	O Un barco o bote, tlenda de campaña, camión cubierto (van), etc.	petroleo rigaldo combustible	7 7 7
	Of barco o bota, trained do dampario, damino describino	O Electricidad O Aceite combustible, querosano, etc.	8 8 8
<u>H14a</u> .	. ¿Cuántos pisos tiene exte edificio?		9 9 9
	Cuenta un ático o un sótano como un piso al tiene elgún cuarto	c. ¿Cuál combustible usa principalmente para cocinar?	
	terminado para uso como alojamiento.  O 1 a 3 — Pase a la H15 O 7 a 12	O Gas por tubería subterránea O Carbón de piedra que sirve a toda la comunidad	H22b.
	0 4 a 6 0 13 6 más pisos	O Comment of the Assessment of Leaning	0 0 0
		petróleo fíquido O Otra clase de combustible	III
υ.	. ¿Hay elevador (ascansor) para pasajaros en este adificio?  O Sí O No	Electricidad     No uso combustibles	8 8 8
	C 31	O Aceite combustible, queroseno, etc.	3 3 3
H15a.	. ¿Esta situado este edificio —	H22. ¿Cuántas son los castos de servicios públicos y combustibles	5 5 5
	O En un solar dentro de la ciudad o suburbio, o en un predio	para su vivienda?	6 6 6
	menor de un acre? - Pase a la H16	a. Electricidad	7 7 7
	O En un predio de 1 a 9 acres?	O Incluido en la renta o no hay cargo	8 8 8
	O En un predio de 10 6 más acres?	Costo promedio mensual O No se usa electricidad	999
h.	¿El año pasado, 1979, ascendieron las ventas de cosechas, ganado		1,,,,,
٠.	y otros productos agrícolas en este lugar a -	b. Gas	H22 c.
	O Menos de \$50 (o Nada) O \$250 a \$599 O \$1,000 a \$2,499	O Incluido en la renta o no hay cargo	000
	O \$50 a \$249 O \$600 a \$999 O \$2,500 6 más	\$00 0 No se usa gas Costo promedio mensual	I I I
	In the second second	c. Agua	3 3 3
<u>H16</u> .	¿Recibe su vivienda el agua de —		3 3 3
	<ul> <li>Un sistema público (departemento de agua de la cludad, etc.) o compañía privada?</li> </ul>	\$00 O Incluido en la renta o no	5 5 5
	O Un pozo profundo individual taladrado?	Costo anual .00 0 hay cargo	666
	O Un pozo individual cavado?	d. Aceite combustible, carbón de piedra, queroseno, leña, etc.	7 7 7
	O Alguna otra fuente de agua (manantial, arroyo, río, cistarna, atc.)?	O Incluido en la renta o no hay cargo	888
H12	¿Está este adificio conectado al alcantarillado (albañal) público?	Costo anual O O No se usan estos combustibles	9 9 9
1127	O Sí, está conectado al alcantarillado público		H22d.
	O No, conectado a un pozo séptico o pozo negro	H23. ¿Tiene su vivienda facilidades de cocina completas? Facilidades de cocina completaa consisten de fregadero (sink)	
	O No, usa otros medios	con agua por tubarías, estufa para cocinar y rafrigeradora.	0000
		o Sí 🔳 o No	1111
H18.	L'Aproximadamente cuándo fue construido originalmente este edificio?  Marque la fecha aproximada de la construcción original, no cuando el	H24. ¿Cuántos dormitorios (recámaras) tiene su vivienda?	3333
	edificio fue ramodelado, ampliado o convertido a otro tipo de vivienda.	Incluya los cuartos que se usan principalmente pare dormir	9999
	O 1979 a 1980 O 1960 a 1969 O 1940 a 1949	aunque también se usen para otros propósitos.	5555
	O 1975 a 1978 O 1950 a 1959 O 1939 ó antes	O No hay dormitorios O 2 dormitorios O 4 dormitorios	6666
	O 1970 a 1974	O 1 dormitorio O 3 dormitorios O 5 6 más dormitorios	2 7 ? 7
		H25. ¿Cuántos cuartos de baño tiene su vivienda?	8838
H19.	¿Cuándo se mudó a esta casa (o apartamento) la persona	Un cuarto de baño <u>completo</u> ea un cuarto con un inodoro con agua corriente, bañera o <u>ducha y lavamanos con agua por tuberías</u> .	9999
	anotada en la columna 1?	Un medio cuarto de baño tiene, por lo menos, un inodoro con agua	
	O 1979 a 1980 O 1950 a 1959	corriente o una bañera o ducha, pero no tiane todas las	0 2 2 2
	0 1975 a 1978 0 1949 6 antes 0 1970 a 1974 0 Siempre ha vivido aquí	facilidades de un cuarto de baño completo.	0000
	O 1960 a 1969	O Ninguno o sólo tiene un medio cuarto de baño	SSSS
		O 1 cuarto de baño completo	3333
H20.	¿Qué tipo de calefacción tiene su vivianda? — Liane un círculo para	O 1 cuarto de baño completo y uno o más medios cuartos de baño	9944
	indicar el tipo de celetacción que más se usa.	O 2 ó más cuartos de baño completos	5555
	O Sistema a vapor o de agua callente	H26. ¿Tiene usted un teléfono dentro de su vivienda?	6666
	O Calefacción central con conductos de aire	O SÍ O NO.	3333
	callente hasta cada cuarto	H27. ¿Tiene su vivienda aire acondicionado?	8888
	[No Incluya aquí calafacción mediante bombas eléctricas (heat pumps).]	O SI, un sistema central de aire acondicionado	9999
	Calefacción mediante bombas eléctricas (heat pumps)	O Sí, una unidad Individual para cuarto O Sí, dos o más unidades Individuales para cuarto	
	O Otras unidades eléctricas de calefacción que forman parte	O No	0000
	de la estructura (Insteladea permanentemente en la pared.		IIIII
	en el techo interior o en la base de la pared)	H28. ¿Cuántos automóviles se mantienen en la casa para el uso de los miembros de su hogar?	5555
	Calorífero de piso, de pared o sin tuberías     Calentadores de cuarto con conductos para ventilación y	O Ninguno O 2 automóviles	3333
	que consumen gas, aceite o queroseno	O 1 automóvil O 3 ó más automóviles	5555
	Calentadores de cuarto <u>sin</u> conductos para ventilación y que consumen gas, aceite o queroseno (no portátiles)	H29. ¿Cuántas trocas o camiones cubiertos o descubiertos con	6666
		capacidad de una tonelada o menos se mantienen en la	7777
	Chimeneas, estufas o calentadores de cuarto portátiles de	casa para el uso de los miembros de su hogar?	3888
	cualquier clase  Ninguno, la vivienda no tiene equipo de catefacción	O Ninguno O 2 trocas o camiones	9999
	Timesino, la vivialida no tiene equipo de catelacción	O 1 troca o camión O 3 ó más trocas o camiones	100

Fevor de contester les preguntes H30 a H32 si usted vive en une cesa de une familia	que es propiedad suva
o que esté comprendo <u>e manos que</u> éste see —	440 01 \$10\$1000-1-1,1
• Una casa móvil o remolque (trailer)	a de una de éstas, o
<ul> <li>Una casa ubicada en un predio de 10 ó más acres sí usted a:</li> </ul>	liquila la unidad de o si ésta es una
Una unidad de condominio	multifamiliar, no
	tinúe en la página 6.
H30. ¿Cuánto pagó por concepto de contribuciones o impuestos sobre bienes raíces	c. ¿Cuál es el pago total menaual regular al prestamilata?
o inmuebles sobre esta propieded el eño pasado?	incluya también pagoa sobre contratos de compra y pagos a prestamistas
	con aegunda hipoteca u otro gravamen sobre esta propiedad.
\$00 <b>ó</b> o Nada	Ó ○ No se requieren pagos regulares
H31. ¿Cuál es la prima anual por concepto de seguro contra incendio y riesgoa	\$00 Pase a la página 6
a esta propiedad?	d. ¿incluye su pago mensual regular (la cantidad anotada en la pregunta
\$00 <b>ó</b> o Nada <b>!!!</b>	H32c) pagos por concepto de contribuciones o Impuestos sobre bienes raíces o inmuebles sobre esta propiedad?
	O Sí, contribuciones incluidas en el pago
H32s. ¿Tiene usted alguna hipotece, escritura de fideicomiso, contrato de compra o deuda semejanta sobre <u>esta</u> propiedad?	O No, las contribuciones se pagan separadamente o no se pagan contribuciones
Sí, hipoteca, escritura de fideicomiso o deuda semejante     Sí, contrato de compra	e. Uncluye su pago mensual regular (la cantidad anotada en la pregunta
O No — Pase a la página 6	H32c) pagos por concepto de seguro contra Incendio y riesgos a esta propiedad?
b. ¿Tiene usted una segunda hipoteca u otro gravamen sobre esta propiedad?	O Sí, seguro incluido en el pago
o sí o No	O No, el seguro se paga separadamente o no tiene seguro
_	
	Hana el favor de nasar a la nánina 6
	Haga el favor de pasar a la página 6
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//////////////////////////////////////	### Haga el favor de pasar a la página 6    DEL CENSO
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PARA USO	### Haga el favor de pasar a la página 6    DEL CENSO
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PARA USO	### Haga el favor de pasar a la página 6    1
PARA USO	### Haga el favor de pasar a la página 6    1

Página 6	16. ¿Cuándo nació esta persona?	CONTESTE ESTAS PREGUNTAS PAI  22a. ¿Hizo esta persona algún trabajo durante la
Persona 1 en	O Nació antes de abril de 1965 — Prosiga con	semana pasada?
la página 2: Nombre Inicial	las preguntas 17 a 33	O Sí - Llene este círculo O No - Llene este
	Nació en abril de 1965 o después — Pase a la página que corresponde a la siguiente persona	trabajó jornada persona no
11. ¿En cuál Estado o país extranjero nació esta persona?  Anote el Estado en el cual vivía la madre cuando	pagina que corresponde a la siguiente persona	completa o parciel. trabajó o
nació esta persona. No anote el Estado en el	17. En abril de 1975 (cinco años atrás), Lestaba	(Incluya trabajo solamente hiz parcial tal como quehaceres
cual estaba localizado al hospital e menos que la vivienda de la madre y el hospital estuvieran	esta persona —	distribución de domásticos er
ubicados en el mismo Estado.	a. En servicio activo en las Fuerzas Armadas?  O Sí O No	diarios o eyudando su propio hogo sin pega en algún tarees de
		negocio o finca escuela o
	b. Asistlendo a la universidad?	(rancho) de la trebajo familla, Tamblén voluntario,
	o Sí o No	incluya servicio
Nombre del Estado o país extranjero; o Puerto Rico,	c. Trabajando en un empleo o negocio?	activo en las Fuerzas Armadas.) Pese a la pregunte 25
Guam, etc.	O Sí, jornada completa O No	b. ¿Cuántas horas trabajó esta persona la semana
12. Si esta persona nació en un país extranjero —	O Sí, jornada parcial	pasada (en todos los empleos)?
a / Es esta persona cludadana naturalizada de		Reste cualquier tiempo no trabajado; suma hores extras trabajades.
ios Estados Unidos?	18a. ¿Es esta persona veterana del servicio militar activo en las Fuerzas Armadas de los Estados Unidos?	
O Sí, es ciudadana naturalizada		
O No, no es ciudadana	Si sirvió únicamente en la Guardia Nacional o en la Reserva, vea la guía de instrucciones.	23. ¿En qué localidad trabajó esta persona la semana pasada?
O Nació en un país extranjero de padres americanos	O Sí O No - Pase e le pregunta 19	Si esta persona trabajó en más de una localidad,
	b. ¿Fue el servicio militar activo durante —	Indique equélla donde él o elle trabajó más tiempo la semana pasada.
b. ¿Cuándo entró esta persona a los Estados Unidos	Liene un círculo para indicar cada período en	Si no puede especificar la localidad, vea la guía
para permanecer en el país?	que esta persona sirvió. ○ Mayo de 1975 o después?	de Instrucciones.
0 1975 a 1980   0 1965 a 1969   0 1950 a 1959   0 1970 a 1974   0 1960 a 1964   0 Antes de 1950	O Época de Vietnam (agosto de 1964-abril de 1975)?	a. Dirección (Calle y número)
0 13/0 8 19/4   0 1300 8 1304   0 Antes de 1930	O Febrero de 1955-julio de 1964?	
13a. ¿Habla esta persona en su hogar algún otro	O Conflicto Coreano (junio de 1950—enero de 1955)?	Si desconoce la dirección, anote el nombre del
Idioma que no sea el <u>Inglés?</u>	Segunda Guerra Mundial (septiembre de 1940— Julio de 1947)?	edificio, centro comercial u otra descripción de
O Sí O No, sólo habla inglés - Pase a la	O Primera Guerra Mundial (abril de 1917-	b. Nombre de la cludad, pueblo, aldea, distrito
pregunta 14	novlembre de 1918)?	administrativo (borough), etc.
b. ¿Cuál es este Idioma?	O Cualquier otro período?	
	19. ¿Tiene esta persona una incapacidad física, mental u	c. ¿Está el sitio donde trabaja dentro de los ilmites
	otra condición de salud que ha durado por 6 meses	Incorporados (legales) de esta cludad, pueblo, alde
(Por ejemplo: chino, italiano, español, etc.)	o más y que a . <u>Limita</u> la clase o cantidad Sí No	distrito administrativo (borough), etc.?
c. ¿Cuán o qué bien habla esta persona el <u>inglés</u> ?	de trabajo que esta persona	O 31 O No, en alea no incorporada
O Muy bien O No bien	pueda realizar en un empleo?	d. Condado
O Bien O No habla inglés	b. impide a esta persona trabajar en un empleo?	
14. ¿Cuál es el origen de esta persona?	c. Limita o impide a esta persona	e. Estado f. Código ZIP
Si no está seguro sobre cómo informer el	usar transportación pública? O	24a. Durante la semana pasada, ¿cuántos minutos se
origen, vee la gula de instrucciones.	20. Si esta persone es del	tardó usualmente esta persona en ir de su casa al trabajo (viaje en una dirección)?
	sexo femenino Ninguno 1 2 3 4 5 6	
	tenida, sin contar los	Minutos
(Por ejemplo: atroamericano, inglés, trancés,	que han nacido muertos?	b. Durante la semana pasada, ¿cómo se transportó usualmente esta persona a su trabajo?
alemán, hondureño, húngaro, irlandés, Italiano, jamalquino, coreano, libanés, mexicano,	No cuente hijastros (as) / 8 9 10 11 12 6 mas o niños que heya edoptado. O O O O O	SI esta persona usó más de un medio de
nigeriano, polaco, ukraniano, venezolano, etc.)		transportación, indique el que usualmente utilizó para viajar la mayor parte de la distancia.
15a. ¿Vivía esta persona en esta casa cinco años atrás (el 1 de abril de 1975)?	21. Si esta persone ha estado casada algune vez — a. ¿Ha estado casada más de una vez?	O Automóvil O Taxi
·	O Una vez O Más de una vez	O Troca, camión — O Motocicleta
Si estaba an la universidad o en las Fuerzas Armadas en abril de 1975, Indique el lugar	<u> </u>	descubierto O Bicicleta
de residencia allí.	b. Mes y año del Mes y año del primer matrimonio matrimonio	(truck) O A pie solamente O Camión cubierto (van) O Trabajó en casa
O Nació en abril de 1975 o después — Pasa a		O Autobús o tranvía O Otro medio —
la página que corresponde e la siguiente persona	(Mes) (Año) (Mes) (Año)	O Ferrocarril Especifique
○ Sí, en esta casa — Pase a la pregunte 16 ○ No, en otra casa	(Mes) (Año) (Mes) (Año)  c. SI se cesó más de una vez — LSe terminó el primer	O Tren subterráneo o elevado
To no, en una casa	matrimonio por causa de la muerte del esposo	Si Indicé automóvil, troce, camión descubierto (truck)
b. ¿Dónde vivía esta persona cinco años atrás	(o esposa)?	camión cubierto (van) en la pregunta 24b, prosiga con la pregunta 24c. De otra manera, pase a la pregunta 2
(el 1 de abril de 1975)? (1) Estado de los		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
E.U., país		DEL CENSO
	número	15b. 23. OVL 240
(2) Condado:	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	333 333 333 333 333 3
(3) Nombre de la		
(3) Nombre de la ciudad, pueblo, aldea, etc.:	5 135 555 555 355	
(3) Nombre de la ciudad, pueblo, aldea, etc.:  (4) ¿Dentro de los límites incorporados (legales)	6 535 336 666 666	666 666 666 666 6
(3) Nombre de la ciudad, pueblo, aldea, etc.:		

_A PERSONA I EN LA PAGINA 2			Página 7	7
c. ¿Para ir al trabajo la semana pasada, esta persona usualmente-	1 030 DEL	31a. ¿Trabajó esta persona el año pasado (1979) en sigún	USO DEL CENSO	
O Manejó sola? — Pase O Llevó pasajeros solamente?  a la pregunta 28 O Viajó como pasajero solamente?	CENSO	empleo remunerado o en un negocio o finca (rancho), aunque fuera por unos pocos días?	31b. 31c. 31d.	1
a la pregunta 28 O Viajó como pasajero solamente: O Tomó turno manejando?	21Ь.	O Sí O No - Pasa a la pregunta 31d	00 00 . 0	Ì
d. ¿Cuántas personas, incluyendo esta persona, usualmente	100	b. ¿Cuántas samanas trabajó esta persona en 1979?	II II	
viajaron al trabajo <u>la samana pasada</u> en el automóvil, troca, camión descublerto (truck) o camión cubierto (van)?	0 1 1	Incluya vacaciones con paga, licencia por entarmedad con paga y sarvicio militar.	26 86 64	
0 2 0 4 0 6	11 3 3		33 33 7	
0 3 0 5 0 7 6 más	0 00	Semanas	55 55 5	
Después de contestar la pregunta 24d, pase a la pregunta 28.	111 5 5	c. Durante las semanas trabajades en el 1979, ¿cuántas horas trabajó usualmente esta persona cada semana?	6 65	
25. ¿Estuvo esta persona temporalmente ausente o suspendida de un empleo o negocio la semana pasada?	0 6 6	north design assertments and paraonal cape against a	7 11 7	
O Sí, suspendida	IV ? ?	Horas	8 8	
O Sí, de vacaciones, enfermedad temporal, disputa	0 9 9	d. De las semanas no trabajadas en 1979 (si algunas),	9 9 7	
laboral, etc.	9 9	¿cuántas semanas estuvo esta persona buscando trabajo o suspendida de un empleo?	32a. 32b.	1
O No	22Ь.	trapajo o agapanatos de un empreor	0000 0000	
26a. ¿Ha estado buscando trabajo esta persona durante las últimas 4 semanas?	0 0	Semanas	IIIII IIIII	
_O Sí O No − Pase a la pregunta 27	I I	32. Ingreso en el 1979 —	8888 8688	
b. ¿Pudo esta persona haber aceptado empleo la semana pasada?	2 8	Liene los círculos y anole las cantidadas en dólaras.	3333 3333	10
O No, ya tenia empleo	4 4	Si el Ingreao neto fue pérdida, escriba "Pérdida" sobra la cantidad. Si desconoce la cantidad exacia,	55555553	1
O No, estaba temporalmente enferma	5 5	anote su mejor astimación.	6666 6666	
No, por otras razones (en la escuela, etc.)     Jí, pudo haber aceptado empleo	6 6	En el caso de Ingreso recibido calectivamente por miembros del hogar, vea le guía de Instrucciones.	2222 2222	1
	7 ?	Durante el año 1979, ¿recibió esta persona algún	8888 8888	11
27. ¿Cuándo trabajó esta persona la última vez aunque fuera por pocos días?	8 8	Ingreso de las fuentes detalladas a continuación?	9999 9999 AO O AO	1
0 1000 0 1070 0 1070 2 1074	9 9	Si contesta "Si" a cualquiera de las fuentes — ¿Cuánto ingreso recibió esta persona durante todo el año?	AO O AO	1
0 1979 0 1975 a 1977 0 1969 6 antes Pregunta 31 d	28.	a. Sueldas, salarias, comisiones, bonificaciones o	32c. 32d.	•
O Nunca trabajó	ABC	propinas de todos sua empleos	0000 0000	1
28-30. Actividad en el empleo actual o en el más reciente	000	Informe la cantidad antes da deducir impuestos, bonos, cuotas a uniones o cualquiera otra cosa.	IIIII IIII	
Dascriba claramente la actividad principal de esta persona	0.5.5	0.55	5555 5555	
en su empleo o negocio la semana pasada. Si esta parsona tanía más da un empleo, describa aquél en el cual trabajó	DEF	o sí s		
el mayor número de horas.	000	O No (Cantidad anual - dólares)	5555 5555	
Si esta persona no tuvo empleo o negocio la semena pasada, dé intormación sobre su último empleo o negocio desda el 1975	GHJ	b. Negocio propio no agrícula, aucledad o práctica profesional	6666 6666	
de Intormación sobre su ultimo empreo o nagocio desde el 1975	000	Informe al Ingreso neto después da deductr los	2233 2333	0
28. Industria	1	gastos del negocio.	8888 8888	1)
a. ¿Para quién trabajó esta persona? Si actualmente está en	KLM	o sí → \$00	9999 9999 0 A0 0 A0	
servicio activo en las Fuerzas Armadas, escriba "FA" y pasa a la pregunta 31.	000	O No (Cantidad anual — dólares)		
	00.	c. Finca (ranche) propia	32e. 32f.	
(Nombre de la compañía, negocio, organización u otro patrono	II:	informe al ingreso <u>neto</u> después de deducir los gastos de operación. Incluya el ingreso devengado en su	0000 0000	0
b. ¿Qué clase de negocio o industria era ésta?	33	capacidad de agricultor arrendatario o medianero.	111 111	3
Describa la aclividad en el sitio donde estaba empleada.	9. 9.	o sí \$	888 888	< 1
	3 5	O No (Cantidad anual – dólares)	333 333	
(Por ejemplo: Hospital, publicación da pariódicos, negocio	66	d. Intereses, dividendos, derechos de autor o de inventor,	999 999	
de pedidos por corrao, menufactura de motores de automóviles, manufactura de cereales pera desayuno)	7 7	o Ingreso neto de alquiller	555 555	1
c. Este negacia es principalmente — (Liene un círculo)	3.8	Intorme cantidadas ecraditadas a su cuente, no Importa el temaño.	7?7 7??	Ì
O Manufactura O Comercio por menor		o sí	888 888	
O Comercio por mayor O Otro (agricultura, canstrucción,	AF O	O No (Cantidad anual - dólares)	999 999	
servicios, gobierno, etc.)	NW O	a. Segura Social o Retiro del Ferracarril		
29. Ocupación	29.	o sí	32g. 33.	
a. ¿Qué clase de trabajo hizo esta persona?	NPQ	O No (Cantidad anual – dólares)	0000 0000	
(Par ejemple: Enlamora gradus de consta de carrello	000	f. Ingreso Suplementario recibido del gobierno federal	1111 1111	
(Por ejemplo: Enlermera graduada, gerente de parsonel, superviaor del departamento da pedidos, montador de motoras		o estatal (SSI), Ayuda a Familias con Hijos Dependientes (AFDC) u otra asistencia pública	5555 5555	
operados por gascilna, operador da molino de cereales)	1 621	- 0'	3333 3333	
b. ¿Cuáles fueron las actividades o deberes más importantes de esta persona?	000	O No (Cantidad anual – dólares)	9999 9999 5555 5555	
er ere haraotte t	UVW		6666 6666	
(Por ejemplo: Cuidar pacientes, administrar las normas	000	g. Compensación por desempleo, pagos a vateranos, penalones, pagos por divorcio, separación y	7777 7777	
de empleo, supervisar el despacho de pedidos, montar		mantanimiento de niños o ingreso recibido regularmenta	8888 8888	
motores, operar molino de cereales)	XYZ	de otras fuentes  Excluya aumaa globales como las cantidadas	9999 9999	
30. ¿Era asta persona — (Liene un círculo)	000	procedentes de una herencia o de la venta de una cesa,	0 A O	
Empleado a jornal, sueldo o comisiones de un individuo, compañía o negocio privado?	00	0 %		
Empleado del gobierno federal?	1 1	<b>&gt;</b>	11 11 111	
Empleado del gobierno estatal?	8.8	(	55 55 555	
Empleado del gobierno local (cludad, condado, etc.)? O	3 3 3	33. ¿Cuál fue el total da Ingreso de esta parzona en 1979?	33 33 333	
Empleado por cuenta propia en su negocio,	999	\$00	55 55 555	
práctica profesional o finca (rancho) —	5 5 5	(Cantidad anual – dóleres)	66 66 666	
Negocio propio no incorporado?	666	Ó O Nada	77 77 777	
	888	Suma las cantidades anotadas en las preguntas 32a hasta la 32g, restando las pérdidas. Si la suma total	88 88 888	
Trabajador no remunerado en un negocio o finca (rancho) de la familia?	999	fua una pérdida, escriba "Pérdida" sobra la cantidad.	99 99 999	

Página 20

# Por Favor, Asegúrese de Haber Llenado Completamente Este Cuestionario

Número de la casa	Calle o carretera	Número o localización del apartamento
Ciudad	Condac	do
		064 - 710
	aciones a las Preguntas	
Para las contest	aciones a las Preguntas ada persona no incluida y l	H1, H2 y H3:
Para las contest		H1, H2 y H3:
Para las contest		H1, H2 y H3:
Para las contest	ada persona no incluida y l	H1, H2 y H3: a razón para excluirla:
Para las contest H1. Nombre de ca		H1, H2 y H3: a razón para excluirla:
Para las contest H1. Nombre de ca	ada persona no incluida y l	H1, H2 y H3: a razón para excluirla:
Para las contest H1. Nombre de ca	ada persona no incluida y l	H1, H2 y H3: a razón para excluirla:

#### **NOTA**

Si usted ha anotado más de 7 personas en la Pregunta 1, por favor, asegúrese de que ha completado el cuestionario para las primeras 7 personas. Luego, devuelva este cuestionario por correo. Un enumerador del censo visitará su hogar para obtener la información sobre las demás personas.

- 1 Verifique el cuestionario para asegurarse de que ha:
  - Contestado la Pregunta 1 en la página 1.
  - Contestado las Preguntas 2 a la 10 para cada persona que usted anotó al principio de las columnas en las páginas 2 y 3.
  - Contestado las Preguntas H1 a la H32 en las páginas 3, 4 y 5.
  - Contestado dos páginas para cada persona que anotó en las páginas 2 y 3. Es decir, las páginas 6 y 7 deberán estar contestadas para la Persona 1; las páginas 8 y 9 para la Persona 2, etc.

Por favor, note que necesitamos respuestas a las preguntas 17 a la 33 sobre cada persona nacida antes de abril de 1965, aunque las preguntas parezcan no ser aplicables a la persona en particular.

Por ejempio, tal vez se le haya olvidado llenar todos los círculos relacionados con el trabajo o el ingreso de un adolescente que asiste a la escuela o de una persona jubilada. Para evitar que tengamos que ponernos en contacto con usted para verificar una respuesta, por favor, asegúrese de que nos ha dado todas las respuestas necesarias.

2 Escriba aquí el nombre de la persona que llenó ecuestionario, la fecha en la que el cuestionario fue completado y el número de teléfono que debemos llamar para comunicarnos con las personas que habitan en esta vivienda.

Nombre	 	* ****		 	
Fecha	 		==	 	
Número de teléfon					

3 Una vez terminado, doble este cuestionario de la misma manera en que lo recibió. Devuélvalo por correo en el sobre adjunto. La dirección de la Oficina del Censo de los Estados Unidos aparece en la portada de este cuestionario. Por favor, antes de cerrar el sobre asegúrese de que la dirección esté visible a través de la ventana del sobre. No necesita sello de correos.

Muchisimas gracias

★ U.S. GOVERNMENT PRINTING OFFICE: 1979-659-258

## Form D-4S, Su Guia del Censo '80



Esta guía provee información sobre cómo llenar su cuestionario del censo. Si necesita más ayuda, llame a la oficina local del Censo de E.U. El número de teléfono aparece en el encasillado de la dirección en la portada del cuestionario.

Contenido	página
<b>De qué</b> trata el censo	2–3
Cómo llenar su cuestiona del censo	rio 4–5
Ejemplo	4–5
Por qué el censo hace ciertas preguntas	6
Instrucciones para las preguntas del censo	o 7–15

Departamenta de Comercio de los Estados Unidos Oficina del Censo

Formulario D-4S

## Form D-4S, Su Guía del Censo '80-Con.

Página 2

# DE QUÉ TRATA EL CENSO — algunas preguntas y respuestas

#### ¿Qué es el Censo de 1980?

El Censo es un recuento oficial del número total de personas en nuestra nación al 1 de abril de 1980. En él también se recopila información sobre características tales como la edad, el sexo y el estado matrimonial.

#### ¿Por qué sa cuentan las personas en un censo?

La Constitución de los E.U. requiere que se lleve a cabo un censo por lo menos una vez cada 10 años. Es muy importante que este recuento sea exacto puesto que se usa para determinar el número de asientos a los que puede tener derecho cada Estado en la Cámara de Representantes de los E II

#### ¿Quiénes ven el cuestionario que usted llena?

La ley que autoriza el censo (título 13, Código de los E.U.), también estipula que sus respuestas son confidenciales. Durante los próximos 72 años, hasta el 1 de abril del año 2052, nadie puede ver sus respuestas excepto los empleados del censo. Éstos han jurado no divulgar su información y están sujetos a multa y/o prisión por cualquier infracción. Esto significa que ninguna otra agencia gubernamental (ya sea federal, estatal, de condado o local), y ninguna otra persona o negocio puede ver su informe individual.

#### ¿Qué hace la Oficina del Censo con la información que usted suministra?

La información individual que se obtiene en el censo se agrupa en totales estadísticos. La tabla a continuación, tomada del censo de 1970, es un ejemplo de cómo se combina la información para producir cifras globales.

Edad	Masculino	Femenino
Total de personas en E.U	98,912,192	104,299,734
Menores de 5 años	8,745,499	8,408,838
5 a 14 años	20,759,233	19,986,482
15 a 24 años	17,551,116	17,890,253
25 a 44 años	23,448,593	24,546,641
45 a 64 años	19,992,043	21,817,726
65 a 74 años	5.437.084	6,998,372

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#### ¿Quién usa los totales estadísticos?

Su representación en el Congreso, en las legislaturas estatales, en los concejos de los condados, las ciudades y los pueblos, está basada en los totales estadísticos. Las escuelas, el gobierno federal, las empresas comerciales, los Estados, las ciudades y las agrupaciones de ciudadanos, todos usan estas cifras para planificar su trabajo y para medir los problemas y el progreso de nuestro país. Otro uso muy importante de las cifras del censo es en la distribución de fondos a las comunidades. Por ejemplo, el número de niños y el ingreso de las familias determina la cantidad de dinero que recibirá un condado bajo la Ley de Instrucción Elemental y Secundaria.

#### ¿Cuándo se tomó un censo por primera vez?

El primer censo se llevó a cabo en al año 1790, conforme a lo que estipula el primer artículo de la Constitución. Desde entonces, se ha tomado un censo al principio de cada década. Por lo tanto, el censo de 1980 será la vigésima enumeración de la población de los E.U.

### ¿Cómo se está tomando el censo?

Unos pocos días antes del Día del Censo en 1980 se envían por correo los cuestionarios del censo a todos los hogares en esta área y en la mayoría de las áreas en el país. Se solicita de los hogares que llenen el cuestionario y lo davuelvan por correo a la Oficina del Censo. En las demás áreas del país, principalmente en aquéllas en que la población está bastante dispersa, los enumeradores del censo van de casa en casa para obtener la información directamente de los miembros de los hogares.

## ¿Qué sucede si usted no devuelve por correo el cuestionario del censo que corresponde a su hogar?

Si no recibimos un cuestionario del censo para su hogar, enviaremos a un enumerador del censo a su residencia para ayudarle a llenar el cuestionario. Pero recuerde, se ahorra tiempo y dinero al contribuyente si usted mismo Ilana el cuestionario y lo devuelve por correo.

#### ¿Es obligatorio el censo?

La misma ley que proteje la confidencialidad de sus respuestas requiere que usted provea la información que se solicita en el censo, según su leal saber y entender. Cada pregunta ha sido seleccionada cuidadosamente con al propósito de obtener datos necesarios que no pueden conseguirse de otra fuente de información estadística o administrativa.

#### ¿Qué significan los cuadritos negros en el cuestionario del censo?

Esos cuadritos negros son los marcadores que sirven de guía a una máquina que "lee" los círculos que usted llenó. La máquina puede leer únicamente los círculos que estén llenos en las áreas alrededor de los cuadritos negros. La máquina automáticamente transfiere esas respuestas a las cintas de computadora que se utilizan el hacer la tabuleción de los datos.

## ¿Qué deberá usted hecer si tiene alguna pregunta sobre cómo llenar el cuestionario o si necesita ayuda?

Llama a la oficina local del Censo de los E.U. El número de teléfono se encuentra en el encasillado de la dirección en le portada del cuestionario del censo.

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### CÓMO LLENAR SU CUESTIONARIO DEL CENSO

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Es posible que usted encuentre alguna pregunta que no pueda contestar con exactitud. Por ejemplo, tal vez no sapa la edad de una persona anciana o el precio por el cual podría vender su casa. Pregunte a otros miembros del hogar si saben la respuesta. Si ninguno sabe, dé su mejor estimación.

Si alguna persona en el hoger, tal como un pupilo o huéspad, rehusa darle la información para el cuestionario, escriba por lo menos el nombre de la persona y contesta las preguntas 2 y 3. Un enumerador del censo lo visitará para obtener el resto de la información directamente de la persona.

Si usted no astá seguro si debe anoter o no a una persona, vea las reglas que aparecen en la página 1 del cuestionario del censo.

Use un lápiz para anotar las respuestas en el cuestionario del censo. Como este cuestionario es "leído" por una máquina, es preferible user un lapíz que una pluma de punto redondo (ballpoint) u otras plumas. Llena los círculos "O" asi: 

Si usted se equivoca al llenar un círculo, borre totalmente la marca hecha y luego llene el círculo correcto.

Si su hogar consiste de más de siete personas, por favor anote todos los nombres en la pregunta 1, llene la información que se requiere en el cuestionario para siete de las personas y devuelva el cuestionario por correo en el sobre adjunto. Un enumerador del censo se pondrá en contacto con usted para obtener la información adicional sobre las demás personas.

#### **EJEMPLO**

	PERSONA en la columna 1	PERSONA en la columna Z	PERSONA en la columna 3	PERSONA en la columna 4	PA
Aquí están para las RES PUESTAS	Sanchez	Sanchez	Sánchez	Gomez	Apellido
PREGUNTAS   Favor de Illenar una columna   pera cede persona anotade   en la Pregunta 1.	Nombre ARTURO T.	FRANCISCA S.	Patricia J.	Nombre María Inicial	Nombre
Light or a) perotected do sata persons con is persons anotate on ta columns 17  Liene un officulo.  Si marca "Otro persons" de la persone en la columna 1, anota la relación exacta, fal como suegra, sobrina, mieto, efc.	EMPIECE en este columne y anote el nombre del membro del nogar (o uno de los membros) que es dueño de o alaulus la vivienda. Si no hay tal persona, anote en este columna el nombre de cualquier adulto que soa miembro del hogar.	Si es pariente de la persona protada en la columna I  B. Esposto (esposa Higo Higo III) Hermano/hermana Otro pariente, Hermano/hermana III Pupilo, hudesped Socio, compañero de cuarto Empleado	Si es pariente de la persona anotada en la columna 1:  1 Esposo/esposa C Padre/madre M Hijo/Hija Otro pariente,  3 Heimano/hermana Si no es pariente de la persona anotada en la columna 1:  2 Pupilla, hudesped Dtro que no Socio, compañero es pariente, de cuarto Empleado Empleado	Si es pariente de la persona anotada en la columna I  Elsposo esposa Hipirhija Directoria de la columna I  Si no es pariente de la persona anotada en la columna I  Pupilo, huésped Otro que no Socio, compañero es pariente, de cuarto Empleado	Si es pariente d'columna 1 Esposo/es Hijo 'hija Hermano 'h Si no es parient la columna 1: Pupilo, h Socio, co de cua Emplea
3. Sexe Liene un circulo.	Masculino Femenino	Masculino Remenino	○ Masculino ■ ► Femenino	Masculino Femenino	· Mascu
4. lEs esta persona — Liene un clículo.	Blanca? Negra? Negra? Shawanana? Shawanana? Shippanesa! Shawanana? Shippanesa! Shawanana? Shippanesa! Shawanana? Shippanesa! Shawanana? Shippanesana? Shawanana? Shawanana? Shawanana! Shawanana! Shawananana! Shawanananananananananananananananananana	Blanca?   Isdia Asiática?     Negra?   Aswainana?     Japonesa?   Quamesa?     China?   Agmosaa?     Ctripina?   Agouta?     Vietnamita?   Agouta?     Indra (Americana)?       Anote la	Blanca?  Negra?  Daponesa?  China?  Chiena?  Chiena.  Chie	B Blanca?   O India Asiática?   O Negra?   O Mawalana?   O Japonesa?   O Guamesa?   O China?   O Samosna?   O Filipina?   O Esquimal?   O Corean?   O Aleuta?   O India (Americana)?   Espocritoue   Anote is	O Blar O Neg O Ja O C O F
S. Eded cumpilds y mes y añe de nacimiento e. Anote su eded cumpilde.  E. Anote el mes y llane un círculo. c. Anote en las casilies en blanco los tres últimos díglico del año y llane bejo cada dígito al círculo que corresponde a ese número.	a. Edad c. Año de nacimiento cumpitos 1   9   5   0   9   0    b. Mae de nacimiento 2   0   0   0   0   0    b. Mae de nacimiento 2   0   0   0   0   0    d'ene,-mar. 6   0   6   0   0   0   0    jul,-sep. 8   8   8   8   8   0   0   0    jul,-dic. 9   9   9   9   9   9   9   9   9   9	a. Edad c. Año de decimiento cumptida 1 9 5 2 1 1 1 5 2 1 1 1 1 1 1 1 1 1 1 1 1 1	a. Edad c. Año de nacimiento cumpilda 1 9 7 9 10 10 10 10 10 10 10 10 10 10 10 10 10	a. Edad c. Año de nacimiento cumpilde 1 9 9 1 1 1 1 5 5 5 5 5 5 5 5 5 5 5 5 5	b. Mos nacr of the control of the co
6. Estade matrimental e civil de esta persona Liene un circulo.	Actualmente casada Separada     Viuda Nunca se     Divorciada ha casado	Actualmente casada     Viuda     Nunca se     Divorciada     Actualmente casado     Nunca se     ha casado	Actualmente casada Separada Viuda Nunca se Divorciada ha casado	Actualmente casada O Separada Viuda O Nunca se Divorciada ha casado	○ Actualmente ○ Viuda ② Divorciada
7. LEs ests persons de eripse españel/hispass? Liene un círculo.	No (no es de origen español/hispano)  Sí, mexicana, mexicangamericana, chicana Sí, puetorriqueña Sí, cubana Sí, cubana Sí, otro origen español/hispano	No (no es de origen espíñol: hispano)  Sí, mexicana, mexicanodmericana, chicana Sí, puetforriqueña Sí, cubana Sí, otro origen español hispano	No (no es de origen español, hispano)  Sí, mexicana, mexicanoamericana, chicana Sí, puertorriqueña Sí, cubana Sí, otro origen español, hispano	Notno es de origen español/hispano;  Si, mexicana, mexicanamericana, chicana Si, puertorriqueña Si, cubana Si, otro origen español/hispano	O No (no es de O Si, mexicana O Si, puertor O Si, cuban O Si, otro
Desde et 1 de febrere de 1940, ¿ha asistide esta persena a una ascuela e entrersidad da lastracción general 1 Linea un círculo. Incluya guarderia para nillos, kindergerten, escuela elemental e instrucción que conduce e la obtención de un diploma de eacuela superior o un fitulo universitario.	No, no ha asistido desde el 1 de febrero Si, escuela o universidad pública Sí, privada, relacionada a iglesia Sí, privada, no relacionada a iglesia	No, no ha asistido desdi el 1 de tebrero Si, escuela o universidal pública Si, privada, relacionadali iglesia Si, privada, no relacionadali iglesia	No, no ha asistido desde el 1 de febrero Sí, escuela o universidad pública Sí, privada, relacionada a iglesia Sí, privada, no relacionada a iglesia	No, no ha asistido desde el 1 de febrero Si, escuela o universidad pública Sf, privada, relacionada a iglesia Sf, privada, no relacionada a iglesia	No, no el 1 Sí, e Sí,
LCudi et, et grade (effe) más atte de escuela de lestrecide general al cual esta persona ha salsitáe?  Liene un circulo.  Si actualmente selate a la escuela, indique el grado que selá cursando. Si terminó la escuela Nopelo por anamen de equivatencia (GED), menque 112."	Grade más etto at qual ha estatido:  O guarderia para niños o Mindergarten Escuela etemental hasta escuela supertor (grado o año) 1 2 3 4 5 6 7 8 9 10 11 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 Universidad o collegio, año acodémico) 1 2 3 4 5 6 7 8 6 más 0 0 0 0 0 0 0 0 0 Nunca atsitó a la escuela - No confesio	Grado más alto al cual ha asálido: Guardería para núños Kindergasten Escuela elemental hasía escuela superior (grado o año) 1 2 3 4 5 6 7 6 3 10 11 12  Universidad o colegio i añopcadémico) 1 2 3 4 5 6 7 8 6 mls 3 3 4 5 6 7 8 6 mls 3 3 4 5 6 7 8 6 mls	Grado más aito al cuel ha esistide:  **Gourdería para míños **) Kindergarten Eacosta elemental hasta escuela superior (grado o año)  1 2 3 4 5 6 7 8 9 10 11 12  **Donor o colegio iaño académico)  1 2 3 4 5 6 7 8 6 más  **Donor o colegio iaño académico)  1 2 3 4 5 6 7 8 6 más  **Donor o colegio iaño académico)  **Nunca sistida a la asquela - No conteste	Grado más etto al cust ha asistide:  Guardería pira niños Kindergarten Escuela elemental hasta escuela superior (grado o año: 1 2 3 4 5 6 7 8 9 10 11 12  Universidad o collegio (año académico) 1 2 3 4 5 6 7 8 6 más  Nunca asistida la escuela - No contrato	Grado - E. 31 11 -1 12 13 14 14 14
16. ¿Terminé esta persona el grade (affe) más effe el cuel asiatió? Liene un círculo.	Is pregunta 10.  O Actualmente asiste a este grado (o eño)  Terminó este grado (o año)  No terminó este grado (o año)	ra pregunta 10;  ∴ Actualmente assate a est grado (o año)  ← Terminó este grado (o año)  ∴ No terminó este grado (daño)	la pregunta 10.  O Actualmente asiste a este grado (o año)  O Terminó este grado (o año)  No terminó este grado (o año)	/a pregunta 10.  □ Actualmente asiste a este grado (o año) □ Terminó este grado (o año) ■ No terminó este grado (o año)	- Act Term No te

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#### ¿POR QUÉ EL CENSO HACE CIERTAS PREGUNTAS?

He aquí algunas razones por las cuales so hacen algunas de las preguntas — las características son tan importantes como la cantidad numérica.

- ¿Nombre? El uso de nombres es conveniente para asegurarse que se han contado todas las personas en un hogar y que ninguna de ellas haya sido contada dos veces. Sin embargo, los nombres se eliminan antes de sumar sus respuestas a las de otros hogares para propósitos estadísticos.
- ¿Estado metrimonial o civil? Esta información se usa junto con la información de otras características para poder identificar áreas geográficas donde hay concentración de esposas con empleo, viudas de edad avanzada, etc., con el objeto de planificar facilidades y servicios necesarios para estos grupos.
- ¿Origen español/hispano? La identificación de los habitantes de origen español/hispano es importante para una mejor comprensión de las diferencias culturales, para cumplir con las leyes y para llevar a cabo los programas dirigidos a mejorar la situación económica de estos grupos.
- ¿Facilidades sanitarias completas? Esta pregunta provee información sobre la calidad de la vivienda. Los datos se usan junto a otras estadísticas para comparar los "niveles de vida" en varias áreas geográficas y cómo han ido cambiando al pasar del tiempo.
- LValor o renta? El gobierno y las agencias de planificación usan esta información, junto a otras características, en el desarrollo de programas de vivienda destinados a llenar las necesidades de la población en los distintos niveles económicos.
- ¿Costo de servicios públicos y combustibles? Estos datos, cuando se combinan con los pagos de la renta y los pagos sobre la hipoteca, constituyen un factor importante en la determinación del costo total que paga la gente por la vivienda en diferentes áreas del país.
- ¿Taláfono dentro de la vivienda? Las agencias de planificación de la salud usan esta información para identificar las áreas geográficas donde hay una concentración de personas de edad avanzada o incapacitadas que no tienen un teléfono para pedir auxilio en caso de una emergencia.
- ¿Lugar de nacimiento? La información que se obtiene de esta pregunta se usa para estudiar las tendencias a largo plazo del movimiento poblacional y para estudiar los patrones de migración y las diferencias en los patrones de crecimiento poblacional.
- ¿Número de bebés? La informacion sobre el número de hijos que una mujer ha tenido es necesaria para determinar cuánto ha crecido nuestro país y, usando esto como base, qué podemos esperar en el futuro. Los cambios poblacionales debidos al número de nacimientos afectarán cómo se ha de planificar para ciertas facilidades, tales como escuelas.
- ¿Empleo? Las respuestas a las preguntas relacionadas con los trabajos a los cuales se dedican las personas proveen información sobre la extensión y los tipos de empleo, en las distintas areas del país. De esta información se pueden desarrollar programas de adiestramiento y se puede determinar la necesidad de nuevas industrias.
- Ungreso? Más que ningún otro factor, el ingreso determina cómo viven las personas o las familias y, por lo tanto, es un indicador muy importante del nivel económico de su comunidad. El nivel de ingreso de una comunidad se usa como base para la distribución de fondos a Estados y áreas locales para programas tales como el de "Federal Revenue Sharing" (Participación de Recaudaciones Federales). La información sobre ingreso no puede obtenerse de declaraciones de impuestos porque ciertos tipos de ingreso (por ejemplo, de Seguro Social) no son tributables.

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#### INSTRUCCIONES PARA LAS PREGUNTAS 1 A LA 10

- 1. Anote en la pregunta 1 (en la página 1), los nombres de todas las personas que usualmente viven aquí. Luego pase a las páginas 2 y 3 donde hay columnas suficientes para anotar hasta siete personas. En la primera columna escriba en letra de molde el nombre del miembro del hogar que es el dueño de o a cuyo nombre se alquila esta vivienda. Si ninguno de los miembros del hogar es el dueño de o alquila esta vivienda, anote en la primera columna el nombre de cualquier miembro adulto del hogar que no sea un huésped, un pupilo o un empleado remunerado. En las columnas que siguen, anote en letra de molde los nombres de los demás miembros del hogar, si los hay, refiriéndose a la pregunta 1 para asegurarse de que nadie falte.
- 2. Llene el círculo que indique el parentesco de cada persona con la persona anotada en la columna 1.
  - Un hijastro o hijo legalmente adoptado de la persona en la columna 1 deberá ser identificado como Hijo/hija. Hijos de crianza o menores en tutela que viven en el hogar deberán ser identificados como Pupilo, huésped.
- 3. Asegúrese de llenar el círculo que indique el sexo de cada persona.
- 4. Llene el círculo que corresponde a la categoría con la cual la persona mejor se identifica. Si llenó el círculo correspondiente a India Americana o el correspondiente a Otra asegúrese de escribir en letra de molde el nombre de la tribu o del grupo específico.
- 5. Escriba la edad cumplida en el espacio que se provee ("0" en el caso de niños menores de un año de edad). También anote el mes y año de nacimiento y llene los círculos apropiados. Para una ilustración sobre cómo hacer las anotaciones en la pregunta 5, vea el ejemplo en las páginas 4 y 5. Si desconoce la edad o el mes o el año de nacimiento, dé su mejor estimación.
- Si el único matrimonio de una persona fue anulado, llene el círculo que indica Nunca se ha casado.
- 7. Una persona es de origen español/hispano si identifica su origen con uno de los grupos que se presentan en la pregunta 7, esto es, Mexicana, Puertorriqueña, etc. Origen puede significar nacionalidad, linaje, o el país en el cual la persona o sus padres o antepasados nacieron.
- 8. No cuente la matrícula en escuela de artes y oficios o en una escuela comercial, el adiestramiento ofrecido por empresas comerciales o la instrucción impartida por un tutor a menos que el curso de estudios sea acreditable en escuelas elamentales, superiores o universidades de instrucción general. Una escuela pública es cualquier escuela o universidad que es controlada y financiada principalmente por un gobierno local, del condado, del Estado o por el gobierno federal.
- 9. Llene solamente el círculo que indique el grado más alto al que la persona asistió aunque no lo haya terminado. Si la persona actualmente asiste a la escuela, indique el grado en que está matriculada. Instrucción escolar recibida en escuelas extranjeras o en escuelas que no designan grados deberá convertirse al grado o año equivalente en el sistema escolar regular americano. Si no está seguro si el programa de escuela preparatoria (Head Start) al cual asiste un niño se refiere a guardería para niños (nursery) o a kindergarten, llene el círculo que indica guardería para niños.
  - Si la persona saltó o repitió grados, indique el grado més alto al cual haya asistido, sin tomar en cuenta el tiempo que tardó para alcanzarlo. Las personas que no han asistido a la universidad pero que completaron la escuela superior aprobando el 12mo grado o un examen de equivalencia, tal como el examen "General Educational Development (GED)," deberán llenar el círculo que corresponde al grado 12.
- 10. Llene el círculo Terminó este grado (o año) únicamente si la persona terminó el grado o año que indicó en la pregunta 9 ó si completó el grado mas alto mediante la aprobación de un examen de equivalencia de escuela superior.

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#### **INSTRUCCIONES PARA LAS PREGUNTAS H4 A LA H12**

- H4. Marque un círculo solamente. Esta dirección se refiere al número de la casa o del edificio donde está localizada su vivienda.
- H5. Llene el sagundo círculo únicamente si usted tiene que atravesar por la vivienda de otras personas para llegar a la suya.
- H6. Marque que tiene agua caliente aunque solamente la tenga parte del tiempo.

Llene el círculo que indica Sí, pero las usan también los miembros de otro hogar si alguna otra persona que vive en el mismo edificio, pero que no es miembro de su hogar, también usa las facilidades. También llene este círculo si los futuros ocupantes de una vivienda que está actualmente desocupada habrán de usar las facilidades en su vivienda.

- H7. Cuente únicamente los cuartos que se usan para propósitos de alojamiento, tales como salas, comedores, cocinas, dormitorios o recamaras, cuartos de recreación, etc. No cuente los cuartos de baño, las facilidades de cocina que ocupan una sección dentro de otro cuarto, cuartos para lavado, planchado y otros servicios, ni áticos y sotanos sin terminar o cualquier otro espacio que se usa para almacenaie.
- H8. Llene el círculo que indica Propia o la está comprando si usted ya es dueño de la vivienda o la tiene hipotecada. También llene el círculo que corresponde a Propia o la está comprando si es dueño de la vivienda pero alquila el solar.

Llene el círculo que indica Alquilada por pago en efectivo si se paga dinero por la renta. La renta puede ser pagada por personas que no son miembros del hogar.

Ocupada gratis incluye, por ejemplo, una rectoría (parsonage), viviendas para militares, una casa o apartamento cedido por el dueño a etra persona para que lo habite sin pagar renta, o una casa o apartamento ocupado por un conserje o encargado a cambio de servicios prestados.

- H9. Un condominio es un tipo de vivienda en el cual los apartamentos o casas en una urbanización pertenecen a propietarios individuales, pero las áreas de uso común, tales como salones de entrada (lobbies), pasillos, etc., son de propiedad mancomunada o en común. Es muy probable que la persona que posee un condominio tenga una hipoteca sobre la unidad particular.
- H10b. Un establecimiento comercial se reconoce fácilmente desde el exterior; por ejemplo, una tienda de productos alimenticios o una barbería. Una oficina médica es la oficina de un doctor o dentista a la que regularmente acuden los pacientes.
- H11. Incluya el valor de la casa, del terreno en que está edificada y de cualesquiera otras estructuras en la misma propiedad. Si la casa es propia pero el solar es alquilado, estime el valor combinado de la casa y el terreno. Si es una unidad en un condomino, anote el valor estimado de la unidad en que usted vive más su participación en las áreas de propiedad en común.
- H12. Informe la renta que aceptó pagar según contrato, aunque esté restrasado en el pago o sea otra persona la que paga la renta.

Si le renta no se paga mensualmente, calcule la cantidad de renta por mes y llene el círculo apropiado en la pregunta H12.

Si paga renta:	Multiplique por:
Por día	30
Por semana	4
Cada 2 semanas	2

Si paga renta:	Divida entre:
4 veces al año	3
2 veces al año	6
Una vez al año	12

Página 9

#### **INSTRUCCIONES PARA LAS PREGUNTAS H13 A LA H20**

H13. Marque un círculo solamente. Separada significa que hay espacio libre en todos los lados de la casa, o que la misma está unida únicamente a un cobertizo (shed) o a un garaje o cochera. Unida significa que la casa está pegada a otra casa o edificio cuando menos por una de las paredes que se extiende desde el piso al techo.

Si a una casa móvil o a un remolque (trailer) se le ha añadido uno o más cuartos, llene el círculo que corresponde a Casa de una familia, separada de cualquiera otra casa. Un portal o cobertizo no se considera como un cuarto.

Cuente todas las unidades de vivienda en la casa o en el edificio, ya sea que estén ocupadas o desocupadas, pero no cuente establecimientos de negocio u oficinas.

- H14a. No cuente sótanos ni áticos sin terminar. Sin embargo, un sótano o ático que tiene uno o más cuartos terminados para uso de alojamiento deberá ser contado como un piso.
- H15a. Un solar dentro de la ciudad o suburbio está localizado usualmente dentro de una ciudad, una comunidad, o cualquier área densamente poblada fuera de la ciudad o la comunidad. El tamaño de este tipo de solar está limitado al área que sirve de base a la casa y el área de patio. Todas las viviendas en edificios de apartamentos ubicados dentro de una ciudad o suburbio se considera que están situadas en un solar dentro de la ciudad o suburbio.

Un predio es una finca, rancho, o cualquiera otra propiedad excepto un solar dentro de la ciudad o suburbio, en la cual está situada esta residencia.

H16. Si un pozo suple de agua a seis o más casas o apartamentos, llene el círculo que indica Un sistema público. Si un pozo suple de agua a cinco o menos casas o apartamentos, marque una de las categorías que corresponden a pozo individual.

Pozos taladrados o pozos de diámetro pequeño miden, por lo general, menos de 1½ pies de diámetro. Pozos cavados son, por lo general, cavados a mano y son de mayor diámetro.

- H17. El alcantarillado (albañal o desague) público es operado por el gobierno o por una empresa privada. Un pozo séptico o pozo negro es un tanque subterráneo o una excavación que se usa para el desagüe de los desperdicios.
- H19. El término persona en la columna 1, se refiere a la persona anotada en la primera columna en la página 2. Esta persona debe ser el miembro del hogar (o uno de los miembros) que es dueño de o alquila la vivienda. Si no hay tal persona, cualquier adulto miembro del hogar puede ser la persona en la columna 1. Marque la última fecha en que la persona se mudó a esta casa o apartamento.
- H20. Esta pregunta se refiere al tipo de equipo para calefacción y no al combustible que consumen.

La calefacción mediante bombas eléctricas se conoce como un sistema de ciclo invertido. Puede ser instalación central con conductos hasta los cuartos o pueden ser unidades independientes instaladas en los cuartos.

Un calorífero de piso, de pared o sin tuberías distribuye aire caliente al cuarto inmediato o al(los) cuarto(s) en uno o en ambos lados de la pared en que el calorífero está instalado, pero no tiene conductos para llevar el aire caliente a otros cuartos.

Cualquier calentador de cuarto que usted conecta a un receptáculo de electricidad deberá ser contado como un calentador portátil.

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#### **INSTRUCCIONES PARA LAS PREGUNTAS H21 A LA H32**

- H21. Gas por tuberías subterráneas se obtiene de un sistema central operado por una empresa de servicio público o por un gobierno municipal. Gas en cilindros, tanques o petróleo líquido es almacenado en tanques que se llenan o se cambian cuando se vacían. Otra clase de combustible incluye cualquier combustible no identificado separadamente, por ejemplo, vapor comprado, carbón artificial, materiales de residuo, etc.
- H22. Si usted alquila su vivienda, anote el costo por servicios públicos y combustibles únicamente si usted paga por ellos además de pagar la renta anotada en la pregunta H12. Si estos gastos ya están incluidos en la renta, llene el círculo apropiado.

Las cantidades informadas deberán ser para los últimos 12 meses. Si se trata de electricidad y gas, indique el *promedio mensual* durante los últimos 12 meses; si se trata de agua y otros combustibles, indique la *cantidad total* durante los últimos 12 meses.

Si desconece los costos exactos, haga la estimación más cercana a la cifra real

Informe las cantidades aunque no se hayan pagado las cuentas o las haya pagado otra persona. Si en la cuenta se incluye lo pagado por servicios y combustibles usados por otro apartamento o por un establecimiento comercial, haga una estimación de lo pagado por su propia vivienda. Si el gas y la electricidad son facturados en una sola cuenta, anote la cantidad combinada en la línea que corresponde al costo de la electricidad y dibuje un corchete ({ }) que abarque los dos.

- H23. El edificio deberá tener fregadero, estufa para cocinar y refrigeradora pero no tienen que estar situadas en el mismo cuarto. Equipo portátil para cocinar no se considera como una estufa.
- H26. Llene el círculo Sí únicamente si el teléfono está instalado dentro de su vivienda.
- H27. Incluya únicamente el equipo usado para enfriar el aire por medio de una unidad de refrigeración.
- H28-H29. Cuente los automóviles que regularmente se guardan en la vivienda y que son usados por miembros del hogar, aunque sean propiedad de una compañía (incluyendo automóviles de la policía γ taxis). No cuente los automóviles o camiones que estén descompuestos y no pueden usarse más.
- H30—H32. No contesta astas praguntas si ustad vive an una unidad de cooperativa, no importa el número da unidades en la estructura.
- H30. Informe los impuestos pagados a todas las jurisdicciones que imponen contribuciones, aún cuando dichas cantidades estén incluidas en los pagos de los plazos hipotacarios, no sa hayan pagado aún, las haya pagado etra persona o estén vencidas y sin pagar.
- H31. Si no paga las primas de seguro anualmente, haga la conversión a una base anual y anote la cantidad, no importa que no se haya hecho un pago durante los últimos 12 meses.
- H32a. La palabra "hipoteca" se utiliza como término general para indicar cualquier tipo de préstamo cuyo pago está garantizado por bianes raíces.
  - Una segunda hipoteca u otro gravamen también está garantizado por bienes raícas y el dueño la ha hacho en adición a la primera hipoteca.
  - c. Anote la cantidad mansual aunque usted no la haya pagado aún o sea etra persona quien la pague. Si la cantidad se paga samanalmente, cada 3 meses, etc., vea las instrucciones pera la pregunta H12, donde se indica cómo hacer la conversión a una cantidad mansual.

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#### **INSTRUCCIONES PARA LAS PREGUNTAS 11 A LA 14**

11. Para las personas nacidas en los Estados Unidos:

Escriba en letra de molde el nombre del Estado en el cual vivía la madre de esta persona cuando esta persona nació. En el caso de personas nacidas en un hospital, no anote el Estado en el cual estaba localizado el hospital a menos que la vivienda de la madre y el hospital estuvieran ubicados en el mismo Estado o a menos que se desconozca el Estado donde estaba localizado el hogar de la madre cuando la persona nació. Por ejemplo, si una persona nació en un hospital en Washington, D.C., pero la vivienda de la madre estaba en Virginia, anote "Virginia."

Para las personas nacidas fuera de los Estados Unidos:

Escriba en letra de molde el nomuno completo del país extranjero, o Puerto Rico, Guam, etc., donde nació la persona. Use las fronteras internacionales reconocidas actualmente por los Estados Unidos. Especifique si es Irlanda del Norte o Irlanda (Eire); Alemania Oriental o Alemania Occidental; Inglaterra, Escocia o Gales (no Gran Bretaña o el Reino Unido). Especifique la isla particular en el Área del Caribe, no, por ejemplo, Indias Occidentales.

- 12. Esta pregunta es solamente para las personas nacidas en un país extranjero. Llene el círculo que indica Sí, es ciudadana naturalizada únicamente si la persona terminó el proceso de naturalización y es ahora ciudadana.
  - Si la persona ha entrado a los Estados Unidos más de una vez, llene el círculo que indique el año en el cual la persona entró al país para quedarse permanentemente.
- 13a. Llene el círculo No, sólo habla inglés si la persona únicamente habla inglés en su hogar; luego pase a contestar la pregunta 14.
  - Llene el círculo Sí si la persona habla en su hogar un idioma que no sea el inglés. No marque Sí si el idioma lo habla únicamente en la escuela o si su capacidad para hablar el idioma está limitado a unas pocas expresiones o vulgarismos.
  - b. Anote en letra de molde el idioma que se habla en el hogar y que no es el inglés. Si esta persona habla en el hogar dos o más idiomas que no son el inglés y no puede determinar cuál habla con más frecuencia, informe el idioma que la persona aprendió a hablar primero.
  - c. Llene el círculo que mejor describe la capacidad que tiene la persona para hablar el inglés.
    - (1) Se deberá llenar el círculo que indica Muy bien cuando la persona no tiene dificultad alguna al hablar el inglés.
    - (2) Se deberá llenar el círculo que indica Bien cuando la persona únicamente tiene problemas menores que no limitan seriamente su habilidad para hablar el inglés.
    - (3) Se deberá llenar el círculo que indica No bien cuando la persona está seriamente limitada en su habilidad para hablar el inglés.
    - (4) Se deberá llenar el círculo que indica No habla inglés cuando la persona no sabe hablar el inglés.
- 14. Anote en letra de molde el origen con el cual la persona se identifica. Origen puede considerarse como la nacionalidad, el linaje, el país en el cual nacío la persona, o el país donde nacieron los padres o antepasados de la persona entes de su llegada a los Estados Unidos. Las personas que tienen más de un origen y no pueden identificarse con un grupo particular deberán anotar su origen múltiple (por ejemplo, alemán-irlandés).

Sea específico; por ejemplo, si la nacionalidad de los antepasados es "India," especifique si se trata de India americana, India asiática o India occidental. Distinga a las personas de las islas de Cabo Verdê de los portugeses y a los franco canadienses de los canadienses.

No se debe informar un grupo religioso para indicar el origen de una persona.

#### Página 12

#### **INSTRUCCIONES PARA LAS PREGUNTAS 15 A LA 20**

- 15a. Llene el círculo Sí, en esta casa si esta persona vivía en esta misma casa o apartamento el 1 de abril de 1975, aunque entre esa fecha y el presente se mudara y luego regresara a ocupar una vez más esta vivienda. Marque No, en otra casa si esta persona vivía en el mismo edificio pero en otro apartamento (o en la misma casa móvil o remolque pero en otra localidad).
  - b. Si esta persona vivía en otra casa o apartamento el 1 de abril de 1975, indique la dirección de la residencia habitual de esta persona en esa fecha.
    - Parte (1) Si la persona vivía en los Estados Unidos el 1 de abril de 1975, escriba en letra de molde el nombre del estado. Si la persona no vivía en los Estados Unidos el 1 de abril de 1975, escriba en letra de molde el nombre completo del país extranjero o Puerto Rico, Guam, etc.
    - Parte (2) Para direcciones en Louisiana, escriba en letra de molde el nombre de la parroquia (parish). Para direcciones en Alaska, escriba en letra de molde el nombre del distrito administrativo (borough). Para direcciones en la ciudad de Nueva York, escriba en letra de molde el nombre del distrito administrativo (borough), si desconoce el nombre del condado. Para direcciones en una ciudad independiente, deje el espacio en blanco.
    - Parte (3) Para direcciones en los estados de Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island o Vermont, escriba en letra de molde el nombre del pueblo (town) y no el nombre de la aldea o ciudad, a menos que desconozca el nombre del pueblo.
    - Parte (4) Marque Sí si usted sabe que la dirección está ahora dentro de los límites legales de una ciudad, pueblo, aldea u otra área incorporada, aún cuando no estaba dentro de los límites legales el 1 de abril de 1975.
- 17a. Llene el círculo que indica Sí únicamente si esta persona estaba en servicio activo en el Ejército, en la Marina de Guerra, en la Fuerza Aérea, en el Cuerpo de Infantería de Marina o en la Guardia Costanera de los Estados Unidos. Llene el círculo que indica No si la persona estaba en la Guardia Nacional o en la Reserva.
- b. Llene el círculo que indica Sí si la persona estaba asistiendo a la universidad tomando un programa de estudios completo o parcial y estaba matriculada tomando asignaturas con crédito con el fin de obtener un título universitario. Marque No si la persona solamente estaba tomando asignaturas sin crédito o asistía a una escuela de instrucción vocacional o a una escuela de artes y oficios, tal como una escuela secretarial.
- c. Llene el círculo que indica Sí, jornada completa si la persona trabajó jornada completa (35 horas o más por semana). Marque Sí, jornada parcial si la persona trabajó jornada parcial (menos de 35 horas por semana). Marque No si la persona solamente trabajó en quehaceres domésticos o en el jardín en su propia casa, o realizó trabajo voluntario sin paga o si el único trabajo fue realizado mientras era residente de una institución.
- 18a. Llene el círculo que indica Sí si esta persona sirvió en alguna ocasión en el Ejército, en la Marina de Guerra, en la Fuerza Aérea, en el Cuerpo de Infantería de Marina o en la Guardia Costanera de los Estados Unidos, aún cuando sirviera por poco tiempo. Las personas que sirvieron en la Guardia Nacional o en la Reserva, marquen Sí únicamente si en alguna ocasión fueron llamadas al servicio activo. Llene el círculo que indica No si el objetivo del servicio activo fue sólo adiestramiento.
- Si esta persona sirvió durante más de un período, llene todos los círculos apropiados, aún cuando el período de servicio fuera de corta duración.
- 19. El término "condición de salud" se refiere a cualquier problema físico o mental que haya durado por un período de 6 meses o más. Debe considerarse como condición de salud un problema grave de la vista, del oído o del habla. No deben considerarse como condiciones de salud el estado de embarazo o una condición temporal que se espera se alivie normalmente, tal como un hueso roto.
- Cuente todos los niños nacidos vivos, incluyendo los que hayan muerto (no importa que murieran inmediatamente después de su nacimiento) y los que ya no viven con ella.

#### Página 13

#### **INSTRUCCIONES PARA LAS PREGUNTAS 21A LA 26**

- 21. Si desconoce la fecha exacta del matrimonio, de su mejor estimación.
- 22a. Llene el círculo que indica Sí si la persona trabajo jornada completa o parcial cualquier día de la semana pasada (de domingo a sábado).

#### Cuente como trabajo:

Trabajo realizado para otra persona por sueldo, salario, por tarea, a comisión, por propinas o por paga "en especie" (por ejemplo, comida y alojamiento recibido como paga por trabajo realizado)

Trabajo en su propio negocio, profesión o finca (rancho). Cualquier trabajo con o sin paga en un negocio o finca (rancho) de la familia.

Cualquier trabajo de jornada parcial incluyendo el cuidado de niños, distribución de diarios, etc.

Servicio activo en las Fuerzas Armadas.

No cuente como trabajo:

Quehaceres en su propio hogar, jardín o patio.

Trabajo voluntario sin paga.

Trabajo realizado como residente de una institución.

- b. Informe el número exacto de horas que trabajo en todos sus empleos la semana pasada, no importa que sea mayor o menor que el número de horas que la persona trabaja usualmente.
- 23. Si la persona trabajó en más de un lugar, pero al empezar su trabajo cada día se reportaba a un mismo sitio, anote en letra de molde la dirección del lugar al cual se reportaba al empezar su trabajo. Si la persona no se reportó al mismo sitio cada día al empezar su trabajo, anote la frase "varios sitios" en la pregunta 23a y, en el resto de la pregunta 23, anote toda la información posible que identifique el área donde él o ella trabajó más tiempo la semana pasada.
  - Si el patrono de esta persona lleva a cabo operaciones en distintos locales (como una cadena de supermercados o un sistema de escuelas públicas), anote la dirección exacta del local o sucursal donde la persona trabajó.
  - Si la persona trabajó en un país extranjero o en Puerto Rico, Guam, etc., anote el nombre del país o Puerto Rico, Guam, etc., en la pregunta 23e y deje en blanco el resto de la pregunta 23.
- 24a. El tiempo que se tarda una persona en viajar de su casa al trabajo se mide desde el momento que sale de la entrada de su casa hasta que llega a la entrada del lugar donde trabaja. Incluya el tiempo que emplea aguardando transportación pública, recogiendo pasajeros que viajan en su autómovil, etc.
  - b. Llene el círculo que indica Trabajo en casa en el caso de una persona que trabaja en la finca (rancho) donde vive o en una oficina o taller localizado en su propia casa.
  - c. Llene el círculo que indica Manejo sola en el caso de personas que fueron llevadas al trabajo por otra persona que luego regresó a su casa o a otro sitio que no es un lugar de trabajo.
- d. No incluya pasajeros cuyo destino era la escuela u otro sitio que no es un lugar de trabajo.
- 25. Llene el círculo que indica No si la persona trabaja únicamente durante ciertas estaciones del año o solamente en aquellos días cuando hay trabajo disponible.
- 26a. Llene el círculo que indica Sí si la persona trató de conseguir empleo, empezar un negocio o establecer su propia práctica profesional en alguna ocasión durante las últimas cuatro semanas; por ejemplo, se inscribió en una agencia de empleo, asistió a una entrevista para un empleo, colocó o contestó anuncios, o realizó esfuerzos para empezar un negocio o práctica profesional.
  - b. Llene el círculo que indica No, ya tenía empleo si la persona estaba suspendida temporalmente de su empleo o si estaba esperando comenzar en un empleo dentro de 30 días.

Llene el círculo que indica No, estaba temporalmente enferma si la persona espera estar capacitada para trabajar dentro del60 días.

Llene el círculo que indica No, por otras razones si la persona no pudo haber aceptado empleo porque estaba asistiendo a la escuela, cuidando niños, etc.

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#### **INSTRUCCIONES PARA LAS PREGUNTAS 27 A LA 29**

- 27. Vaa las instrucciones para la pregunta 22a para determinar lo que debe contar como trabajo. Llene el círculo que indica Nunca trabajó si la persona: (1) nunca trabajó en ninguna clase de trabajo o negocio, ya fuera a jornada completa o parcial, (2) nunca realizó trabajo alguno con o sin paga, en un negocio o finca (rancho) de la familia, y (3) nunca sirvió en las Fuerzas Armadas.
- 28a. Si la persona trabajó en una compañía, negocio o agencia del gobierno, escriba el nombre de la compañía, no el nombre del supervisor de la persona. Si la persona trabajó para un individuo o para un negocio que no tiene nombre de firma o de compañía, escriba el nombre de la persona para la cual trabajó. Si la persona trabajó en su propio negocio, escriba "negocio propio."
  - b. Use dos o más palabras para describir la actividad del negocio, de la industria o del individuo anotado en la pregunta 28a. Si se dedica a más de una actividad, describa solamente la actividad principal en el local donda trabaja la persona. Anote lo que hace, lo que vende, o el servicio que presta.

Algunos ejamplos de respuestas aceptables se muestran en el cuestionario del censo y a continuación.

Inaceptables
Compañía de muebles

Aceptables

muebles Manufactura de muebles de

metal

Tienda de productos

Mayorista de productos

alimenticios

alimenticios

Compañía de petróleo

Estación de gasolina

Finca (rancho)

Finca (rancho) de ganado

c. Llene el círculo que indica Manufactura si la fábrica, planta, molino, etc., principalmente elabora productos, aún cuando también los venda.

Llene el círculo que indica Comercio por mayor si el negocio principalmente vende artículos a establecimientos comerciales o a otras empresas.

Llene el círculo que indica Comercio por menor si el negocio principalmente vende artículos (no servicios) a personas particulares.

Llene el círculo que indica Otro si la actividad principal del patrono no es la elaboración o venta de productos. Algunos ejemplos de Otro son agricultura, construcción y servicios tales como los ofrecidos por hoteles, tintorerías, talleres de reparación y bancos.

29a. Escriba en letra de molde dos o más palabras que describan la clase de trabajo que hace la persona. Indique si la persona está recibiendo adiestramiento, si es aprendiz o ayudante.

Algunos ejemplos de respuestas aceptables se muestran en el cuestionario del censo y a continuación.

Inaceptables

Aceptables

Oficinista Ayudante Oficinista de producción Ayudante de carpintero

Ayudante Mecánico

Mecánico de motores de automóviles

Enfermera

Enfermera graduada

 b. Anote las actividades más importantes que esta persona desempaña en su trabajo. En el cuestionario del canso se muestran algunos ejemplos. Pagina 15

#### **INSTRUCCIONES PARA LAS PREGUNTAS 30 A LA 33**

 Si la persona trabajó en una organización privada sin fines de lucro, como lo es una iglesia. Ilene el primer círculo.

Llene el círculo que indica Empleado del gobierno local si se trata de maestras o maestros que trabajan en escuelas públicas primarias o secundarias,

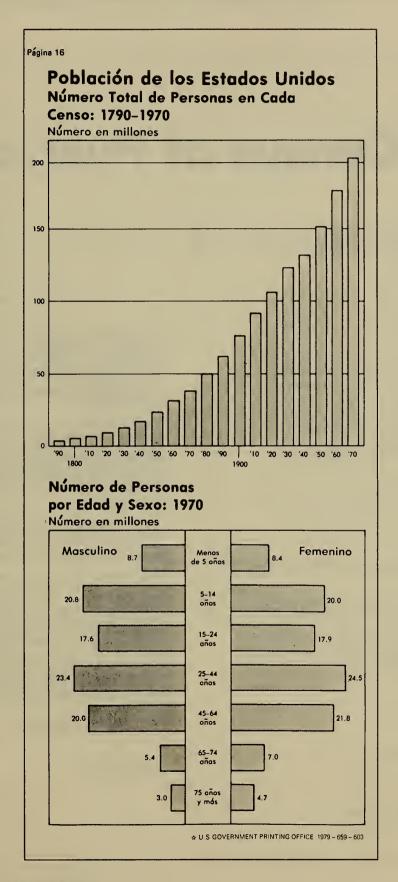
- 31a. Vea las instrucciones para la pregunta 22e para determinar lo que debe
  - b. Cuente cada semana en que la persona realizó algún trabajo, aunque sólo
  - c. Si el número de horas trabajadas cada semana varió considerablemente, de su mejor estimación de las horas usualmente trabajadas la mayor parte de las semanas
  - d. Cuente cada semana en la cual la persona no trabajó pero pasó algún tiempo buscando empleo o estaba en paro forzoso de un trabajo.

Buscando trabajo significa tratando de conseguir un trabajo o de establecer un negocio o práctica profesional; paro forzoso incluye paros temporales o indefinidos.

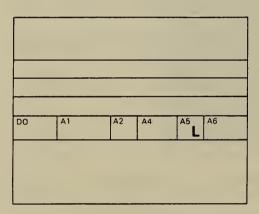
- 32. Llene un círculo para indicar Sí o No en cada sección y anote la cantidad apropiada. Si los miembros del hogar recibieron ingreso colectivamente de alguna fuente, anote la cantidad que corresponde a cada persona, si es posible; de otro modo, anote la cantidad total como si fuera ingreso recibido por una sola persona y marque No para la otra persona, a manos que la otra persona recibiera ingreso adicional del mismo tipo.
- a. Incluya pagos por licencia causada por enfermedad. No incluya los reembolsos de gastos comerciales y pagos "en especie" (por ejemplo, comida y alojamiento recibido como pago por trabajo realizado).
- Incluya las ganancias netas (ingreso bruto menos gastos comerciales) de un negocio no agrícola, sociedad o profesión. Si al negocio perdió dinero, escriba la palabra "Perdida" sobre la cantidad.
- c. Incluya las ganancias netas (ingreso bruto después de deducir gastos de operación) de una finca (rancho). Si la finca perdió dinero, escriba la palabra "Pérdida" sobre la cantidad.
- d. Incluya intereses y dividandos acreditados a la cuenta de la persona (por ejemplo, intereses en cuentas de ahorro y dividendos de acciones y valores comerciales), ingreso neto de derechos de autor o de inventor y da propiedades de alquiler.
- e. Incluya pagos de la Administración del Seguro Social o del Sistema de Retiro del Ferrocarril a personas jubiladas, a dependientes de trabajadores asegurados que han fallecido o a trabajadores incapacitados.
- f. Incluya pagos de asistencia o bienestar público recibidos de programas federales, estatales, o del gobierno local. No incluya pagos de bienestar recibidos de fuentes privades (no gubernamentales).
- g. Incluya otros pagos recibidos con regularidad, talas como pagos da retiro da ampleados gubarnamentales, pensiones y anualidades recibidas da uniones o da fuentes privadas, compensación por desempleo, compensaciones a trabajadores, pagos de las Fuerzas Armadas, aportaciones regularas de personas que no viven en al hogar, etc.

No incluya sumas globales tales como ganancias procedentes de la venta de propiedades (ganancias de capital), pagos de pólizas de seguro, herencias, etc.

 Si no tuvo ingreso en el 1979, llene el círculo que indice Nada. Si le suma total fue una pérdida, escriba la palabra "Pérdida" sobre la cantidad.



## 1980 Census of Puerto Rico



### Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

U.S. Department of Commerce Bureau of the Census Form D-2E PR A message from the Director, U.S. Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when the Constitution of the United States was written. As provided by article 1, population censuses of the United States have been taken every 10 years. As part of the 1980 Census of Population and Housing, as required by title 13, United States Code, the U.S. Bureau of the Census is conducting the census of Puerto Rico as of April 1, 1980.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, Commonwealth, and municipal governments. These figures will increase the understanding of how the Puerto Rican population and housing are changing. In this way, today's problems can be dealt with more effectively.

The census is a vitally important activity for Puerto Rico. Please do your part by filling out this census form accurately and completely. A census taker will visit your household to pick up the form; please keep it in a safe, convenient place until then.

Thank you for your cooperation.

Form Approved O.M.B. No. 41-S79051 Please continue

Page 1 Question 1 List in Question 1 1. What is the name of each person who was living here on Tuesday, April 1, 1980, or who was staying or visiting here and had no other home? · Family members living here, including babies still in the hospital. · Relatives living here. · Lodgers or boarders living here. · Domestic employees or hired hands living here, Other persons living here. · College students who stay here while attending college. even if their parents live elsewhere. · Persons who usually live here but are temporarily away (including children in boarding school below the college · Persons with a home elsewhere but who stay here most of the week while working. Do Not List in Question 1 . Any person away from here in the Armed Forces. · Any college student who stays somewhere else while attending college. . Any person who usually stays somewhere else most of the week while working there. . Any person away from here in an institution such as a home for the aged or mental hospital. NOTE Any person staying or visiting here who has a usual home If everyone here is staying only temporarily and has a elsewhere. usual home elsewhere, please mark this box . Then please: answer the questions on pages 2 through 5 only, enter the address of the usual home on page 20. Please continue -

	These are the columns	PERSON in	column 1		in column 2	ESTIONS ON PAGE 3 PERSON in column 3		
Here are the	for ANSWERS	Last name	00,0,,,,, 2	Last nama		Last name		
QUESTIONS V	Please fill one column for each person listed in Question 1.	First name	Middle initial	First name	Middle initial	First name	Middle initial	
in column  Fill one circle  If "Other rel	e. ative" of person in column 1, lationship, such as mother-in-law,	START in this colu- household member members) in whose is owned or rented such person, start i with any adult hou	r (or one of the e name the home . If there Is no In this column	If relative of person in  Husband/wife  Son/daughter  Brother/sister  If not related to perso  Roomer, boarde  Roommate  Paid employee	O Father/mother O Other relative	If relative of person in  Husband/wife  Son/daughter  Brother/sister  If not related to person  Roomer, boarder  Roommate  Paid employee	O Father/mother O Other relative —	
. Sex Fill one circl	e.	O Male	O Female	O Male	O Female	O Male	O Female	
a. Print age at b. Print month	and fill one circle. the spaces, and fill one circle	birthday 1	ar of birth	a. Age at last birthday b. Month of birth  Jan.—Mar. Apr.—June July—Sept. Oct.—Dec.	Year of birth    8 0   0 0   0 0     9 0   1 0   1 0     2 0   2 0     3 0   3 0     4 0   4 0     5 0   5 0     6 0   6 0     7 0   7 0     8 0   8 0     9 0   9 0	a. Age at last birthday  b. Month ot birth  Jan.—Mar.  Apr.—June  July—Sept.  Oct.—Dec.	8	
	of the following describes I status of? le.	Now married     Consensually     married     Widowed	<ul><li>Divorced</li><li>Separated</li><li>Never married</li></ul>	Now married     Consensually     married     Widowed	<ul><li>Divorced</li><li>Separated</li><li>Never married</li></ul>	Now married     Consensually     married     Widowed	<ul><li>Divorced</li><li>Separated</li><li>Never married</li></ul>	
	hospital, give residence of the mother, of the hospital.	Born in:  Puerto Rico  United States  Cuba Spain  Dominican Republ  Other country	Municipio U.S. State	Born in:  O Puerto Rico   United States   Cuba Spain Dominican Rep Other country	U.S. State	Born in:  ○ Puerto Rico →  ○ United States →  ○ Cuba  ○ Spain →  ○ Dominican Repu  ○ Other country →	Municipio  U.S. State	
regular sch Fill one circl kindergarten	uary 1, 1980. has attended nool or college at any time?  e. Count pre-kindergarten, Head Start, elementary school, and schooling to a high school diploma gree.	No, has not attend Yes, public school, Yes, private, churc Yes, private, not ch	, public college th-related		ended since February 1 ool, public college urch-related		rch-related	
school  Fill one circl  If now attent	ding school, mark grade person is in. Il was finished by equivalency	Pre-kindergarten  Elementary through hig  1 2 3 4 5 6 7  College	Sh school 8 9 10 11 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	College 1 (academic year)	<u>Kindergarten</u>	(academic year)	O Kindergartei	
Did fini attended?	sh the highest grade (or year)	Now attending this     Finished this grade     Did not finish this	e (or year)	Now attending to Finished this gr     Did not finish the	ade (or year)	Now attending the Finished this gra     Did not finish this	de (or year)	

PERSON in column 7	17 persons in Question 1, FOR YOUR HOUSEHOLD please see note on page 20.			
First same   Middo initial	sure if the person should be listed — for example, a new baby still in the hospital, a ladger who also has another home, or a person who stays here once in a while and has no other home?  Ores — Determine whether to add person.	A one-family house detached from any other house		
If not related to person in column 1:  Roomer, boarder Other nonrelative Roommate	H2. Did you list anyone in Question 1 who is awey from home now — for example, on a vocation or in a hospital?  O Yes — Determine whether person should remain listed O No  H3. Is anyone visiting here who is not already listed?  A building for 2 families A building for 5 to 9 families A building for 10 to 19 families A building for 20 to 49 families A building for 50 or more families A building for 50 or more families			
O Paid employee   O Male Female	O Yes — Determine whether to odd person.  No  H10. If this is a one-family house —  a. Is the house on a property of 3			
a. Age at last c. Year of birth birthday 1 1	Do you enter your living quarters —     Directly from the outside or through a common or public hall?     Through someone else's living quarters?     Through someone else's living quarters?	Yes No		
b. Month of birth   1	(1) A commercial establishment? (2) A medical office?  O Yes, hot and cold piped water in this building O No, only cold piped water in this building	0 0		
4 0 4 0   5 0   5 0   0   0   0   0   0   0	O No piped water in this building  b. Is there a bathtub or shower in this building?  O Yes, for this household only O Yes, but also used by another household  O No piped water in this building?  What is the value of this proper much do you think this proper or condominium unit) would so	erty, that is, how ty (house and lo		
Now married	C. Is there a flush toilet in this building?  ○ Yes, for this household only  ○ Yes, but also used by another household  ○ No → If "No," what  ○ Privy  - type of foller?  ○ Other or none	7,500 to \$29,999 0,000 to \$32,499 2,500 to \$34,999 5,000 to \$37,499 7,500 to \$39,999		
Born in:  ○ Puerto Rico →  ○ United States	H6.   How many rooms do you have in your living quarters?	5,000 to \$49,999 0,000 to \$59,999 0,000 to \$74,999 5,000 to \$99,999 00,000 or mare		
O Spain O Dominican Republic Other country →	Owned or being bought by sameane in this household?  Reference Book on how to figure to Reference Book on how to Reference Book on	ee the Questionnair a monthly rent.		
No, has not attended since February 1 Yes, public school, public college Yes, private, church-related	West a condominium   10   10   10   10   10   10   10   1	10 to \$149 50 to \$159 50 to \$169 70 to \$179 80 to \$189		
O Yes, private, not church-related  Highest grade attended:	A Block A6. Serial B. Tyre of unit   Far Veget Heite	90 to \$199 00 to \$224		
○ Pre-kindergarten         ○ Kindergarten           Elementary through high school         1 2 3 4 5 6 7 8 9 10 11 12           ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○	C1.         Is this unit for —         \$90 to \$99         \$22           \$10 to \$110         \$110 to \$119         \$33           \$20 Seasonal         \$120 to \$129         \$35	25 to \$249 50 to \$299 00 to \$349 50 to \$399 00 or more		
College 1 2 3 4 5 6 or more (academic year) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Vacant.  I I I I I I I I I O Regular  C Regular  C For rent  C For sale only  Rented or sold, not  C Cannot status  C For rent  C For sale only  C Rented or sold, not  C Cannot status  C For rent  C For sale only  C Rented or sold, not  C For sale only  C Rented or sold, not  C For sale only  C For sale only  C For sale only  C Rented or sold, not  C For sale only  C For sale o	8 5 5 5 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0		
Now attending this grade (or year)     Finished this grade (or year)     Did not finish this grade (or year)	5 5 5 5 5 5 5   Group quarters   O Held for occasional use   O 6 up to 12 months	3 3 3 4 4 4 5 5 5 6 6 6		
CENSUS A OION OO	999 9999 O Continuation O Yes O No E-2 O Pop./F	Er 888 999		

H13a. Is this building —  ○ On a city or suburban lot? Skip to H14	ALSO ANSWER THE ALSO AND	CENSUS USE ONLY
<ul><li>On a place of less than 3 cuerdas?</li><li>On a place of 3 or more cuerdas?</li></ul>	and a refrigerator.  O Yes   No	H21a.
b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to —  \$\int\$ 1 to \$99     \$200 to \$299     \$500 or more \$100 to \$199	H23. How many bedrooms do you have?	0 + 8 8 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
H14. Do you get wate: from —  A public system?  An individual well?  A cistern, tanks, or drums?  A spring or other source (river, Irrigation conel, etc.)?	H24. How many bathrooms do you have?  A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.  A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.  O None Only half bathrooms	7 7 7 8 8 8 9 9 9 H21b. Ø Ø Ø
Is this building connected to a public sewer?     Yes, connected to a public sewer     No, connected to a septic tank or cesspool     No, use other means	1 complete bathroom     1 complete bathroom, plus half bath(s)     2 or more complete bathrooms  H25. Do you have a telephone in your living quarters?      Yes	1 1 1 2 2 2 3 3 4 4 4 5 5 6 6 6
#16. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.  1979 to 1980 1960 to 1969 1940 to 1949 1975 to 1978 1950 to 1959 1939 or earlier 1970 to 1974	H26. Do you have air conditioning?  O Yes, a central air conditioning system O Yes, 1 individual room unit O Yes, 2 or more individual room units O No	7 7 7 8 8 8 9 9 9 9 H21c.
H17. When did the person listed in column 1 move into this house (or apartment)?  1979 to 1980 1960 to 1969 1949 or earlier 1975 to 1978 1950 to 1959 Always lived here 1970 to 1974	H27. How many automobiles are kept at home for use by members of your household?  O None O 2 automobiles O 1 automobile O 3 or more automobiles  H28. How many vans or trucks of one ton capacity or less are kept at home for use by members of your household?	2 3 4 5 6 7 8
H18. Does this housing unit have electric lighting?  Yes  No  H19. What type of energy does your water heater (tank type) use most?  If shower heater only, mark "No tank type water heater."  Electricity  Other fuels  No tank type water heater	None     2 vans or trucks     1 van or truck     3 or more vans or trucks  H29. Which best describes the type of construction of this building?  Fill only one circle.	9 9 9 <b>H21d.</b> Ø Ø Ø Ø I I I I 2 2 2 2 3 3 3 3
H20. Which fuel is used most for cooking?  Gas: from underground pipes	Masonry walls (poured concrete, concrete blocks, stone, ornamental blocks, etc.)  With concrete slab roof  With wood frame roof  Wood frame walls  With masonry foundation, poured concrete, etc.  With wood stilt foundation	4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9
H21. What are the costs of utilities and fuels for your living quarters?  a. Electricity  O Included in rent or no charge	Mixed masonry and wood walls     Other type of construction  H30. Condition of this housing unit - Fill from observation.  a. Original construction:	H32.  0 0 0 0 0  1 1 1 1  2 2 2 2  3 3 3 3
\$ .00 OR • Electricity not used  Average monthly cost  b. Gas • Included in rent or no charge	O Adequate O Inadequate  b. If "adequate" — present condition is: O Sound O Deteriorating O Dilapidated	444 5555 6666 777 888
\$ .00 OR Gas not used  Average monthly cost  c. Water  \$ .00 OR  Included in rent or no charge	H31—H32. Ask questions H31 and H32 if this unit is owned or being bought by a member of this household.  H31. Is the owner of this housing unit also owner of the land or is the land being rented?  Owns or is buying the land	2 S S S S S S S S S S S S S S S S S S S
d. Oil, charcoal, kerosene, wood, etc.  On OP Included in rent or no charge	O Pays rent for the land O Does not pay cash rent for the use of the land  H32. If the land is being rented — What is the monthly rent for the land?	4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7
\$ .00 OR	\$ .00	8888

Please ask H33–H35 if this is a one family house which is owned or is being bought, <u>unless</u> this is —								
A mobile home or trailer	icture,	d						
or medical office on the property )  H33. What were the real estate taxes on this property last year?					thly payment			is amnerty
.00 O None	, , , , , , , , , , , , , , , , , , ,	masuc po	ymens to ten	.00	O Nor	egular		
H34. What is the annual premium for fire and hazard insurance on this property?	_	vour res	zular monthi		payr I (amount enter			5kip to page 6
.00 O None					nis property?		,	
H35a. Do you have a mortgage or similar debt on this property?			es included ir s paid separa		es not required			
<ul> <li>Yes, mortgage or similar debt</li> <li>No — Skip ro page 6</li> </ul>					l (amount entere	d In H3	ic) includ	le
			fire and haz		nce on <u>this</u> pr nent	operty?		
b. Do you have a second or junior mortgage on this property?	0	No, insu	rance paid se	parately or	no insurance			
○ Yes ○ No					Please tu	rn to	page 6	
								->
FOR CENSUS	S USE ONLY	2.	6.	2.	6.		2.	6.
			000	0	0 000		0 0	000
	1		3 3 3	2 3 4	3   3 3 3		2 3 4	
			555	5 6	555	5	5	555
			888	2 8	888	:	8 9	777
		2.	6.	2.	6.		2.	6.
		0 0		0			0 0	( -
	4	3 3 4	3 3 3	(5) 4			2 2 3 4	3 3 3
		5 6	5 5 5	5 6	555	5	5	555
		? 8	777	? 8	7 7 7 8 8 8		8	7 7 7 8 8 8
		2.	999	GQ.	H33.	H34.	9 H3:	5c.
		0 0		00	0000	00	0 0	000
		s s	888	3 3 S S	3333	3 3 S S	3 3 S S	3 3 3 S S S
		3 3						0-0-0-
	7	1 2 2		9 9 5 5 6 6	\$ 4 4 4 5 5 5 5 6 6 6 6	55	5 5	5 5 5 6 6 6

6		ANSWER THESE QUESTION				
Name of Person 1 on page 2:	14. Does know how to read and write (in any language)?  Yes  No	21a. Has completed the requirements for a vocational training program at a trade school, business school, hospital or some other kind				
Lest name First name Middle initial	15a. Can speak Spanish?	of school for occupational training?				
Oa. Where was's father born?	Yes No	Do not include academic college courses.				
Puerto Rico United States	b. Can speak English?	Yes C No — Skip to 22				
Other country —  Specify — (U.S. State or foreign country)	Yes, easily Yes, with difficulty No, not at all	b. At which kind of school was the training received?  Business school, trade school, or junior college  High school vocational program				
b. Where was's mother born?		Training program at place of work				
Puerto Rico United States —————	16. Enumerator — Mark when this person was born.	Other school— Specify—				
Other country —	Before April 1965 — Ask questions 17–33.  (Omit question 17 if born April 1960 to March 1965.)					
Specify —	Conne question 17 il born April 1900 to March 1903.)	22a. Did work at any time last week?				
(U.S. State or foreign country)  1. If this person was born in a foreign country –	April 1965 or later — Turn to next page for next person.	Yes — Fill this circle O No — Fill this circle if if this person this person did worked full time not work.				
a. Is a naturalized citizen of the United States?	17. In April 1, 1975 (five years ago) was —	or part time. Skip to 25				
Yes, a naturalized citizen  No, not a citizen	a. On active duty in the Armed Forces?	b. How many hours did work <u>last week</u>				
Born abroad of American parents	Yes No	(at all jobs)?  Subtract any time off; add overtime or extra hours worked.				
(including Puerto Rican)	b. Attending college?					
b. When did come to Puerto Rico to stay?	Yes No	Hours				
1975 to 1980 1965 to 1969 1950 to 1959	c. Working at a job or business?	23. At what location did work last week?				
1970 to 1974 1960 to 1964 Before 1950	Yes, full time No	If worked at more than one location, print where he or				
2570 to 1574  2500 to 1504  . Delofe 1500	Yes, part time	she worked most last week.				
	18a. Is a veteran of active-duty military service in	a. Address:				
2a. Did live in this house five years ago	the Armed Forces of the United States?	Number and street				
(April 1, 1975)?	Yes No – Skip to 19	b. Name of city, town, village, etc.				
Born April 1975 or later —  Turn to next page for next person.	h Was active duty military samina during					
Yes, this house — Skip to 13	b. Was active-duty military service during —  Fill a circle for each period in which this person served.					
→ No, different house	May 1975 or later	c. Barrio				
b. Where did live five years ago (April 1, 1975)?	Vietnam era (August 1964 – April 1975)					
(1) Name of municipio, U.S. State,	February 1955 — July 1964					
Virgin Islands, or	Korean conflict (June 1950 – January 1955) World War II (September 1940 – July 1947)	d Musicinia				
foreign country:	World War I (April 1917 – November 1918)	d. Municipioe. ZIP Code				
(2) Name of barrio or U.S. county:	Any other time	24a. Last week, how long did it usually take to get from home to work (one way)?				
***************************************	19 Door how a physical martel or other barith					
(3) Name of city, town or village:	19. Does have a physical, mental, or other health condition which has lasted for 6 or more months and which —	Minutes				
3a. During the last 10 years did live in the United	a. Limits the kind or amount  of work can do at a job?	b. How did usually get to work last week?  If used more than one method, give the one usually				
States at any time for 6 or more consecutive months		used for most of the distance.				
○ Yes ○ <b>No</b> — <i>Skip to 14</i>	b. Prevents from working at a job?	○ Private car ○ Launch				
b. When did come or return to Puerto Rico	c, Limits or prevents from	Truck Taxicab				
the last time?	using public transportation? O	O Walked only				
·) 1980	20. If this person is a female –	○ Van ○ Worked at home ○ Other — Specify				
1979 0 1976 0 1973	How many babies has None 1 2 3 4 5 6 she ever had, not	Bus Other = Speciny				
O 1978 O 1975 O 1970 to 1972	counting stillbirths?	O Public car				
c. How long did live in the U.S., the last time?	7 8 9 10 11 12 or	If private car, truck, or van in 24b, go to 24c.				
○ 6 months up to 1 year ○ 5 years	or children she has adopted.	Other wise, skip to 28.				
O 1 to 2 years O 6 to 9 years	FOR CENSUS					
3 to 4 years 0 10 or more	Person 10a. 10b. 12b.	22b. 23. _{OVL} 24a.				
years	No. 000 000 000 000	00 000 000 000 00				
d. For the last 6 months that lived in U.S.,	8   2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	33 433 473 333 33				
ies No	3 333 333 333 333 4 <b>1</b> 444 444 <b>1</b>	99 99 99 99				
(1) Working at a job or business?  (full or part-time)	5   5 5 5 5 5 5 5 5 5 5	5 5 5 5 5 5 5 5 5 5 5 5 5				
(2) In the Armed Forces?	6 666 666 666	36 666 666 66 66				
	7 777 777 777 777	. 7 (77 (77 77 <b>777 77</b> 88				
(3) Attending school or college?	🔘 🗸 ଅଧର 🌣 ଅଧର 🌣 ଅଧର 📗 👚					

N 1 ON PAGE 2  24 c. When going to work last week, did usually —	CENSUS	31	a. Last year, (1979) did work, even for a few days, at	CEN	ISUS	USE OF	Page
Orive alone — Skip Drive others only	USE		a paid job or in a business or farm?	31b.	310		
to 28 Ride as passenger only		1	_	() ()	1		
Share driving	]		Yes No — Skip to 31d	1	1		
d. How many people, including usually rode to work in this		1	b. How many weeks did work in 1979?	e .	1		
vehicle <u>last week</u> ?			Count paid vacation, paid sick leave, and military service.	3 -	1 6		
2 4 . 6			Weeks		١,	- 1	,
3 5 7 or more						i	
After asking 24d, skip to 28.	-	(	c. During the weeks worked in 1979, how many hours		15	1	- (
25. Was temporarily absent or on layoff from a job or business last week?			didusually work each week?		1		1
Yes, on layoff			Hours	32a.	<u>i</u> .	32b.	_
Yes, on vacation, temporary illness, labor dispute, etc.		١.,	d. Of the weeks not worked in 1979, (If any) how many	1	100	1	(1
- No	ł		weeks was looking for work or on layoff from a job?		1 1		
						100	
26 a. Has been looking for work during the last 4 weeks?			Weeks		4.4	3 3	
Yes No — Skip to 27		32.	Income in 1979 —		, ,	155	-,
b. Could have taken a job last week?			During the entire year 1979 did , receive any income	( 6		6 1	
C: No, aiready has a job			from the following sources? If "Yes" to any of the sources - How much? If net income in 32 b, c, or d was a loss, write "Loss"				
No, temporarily ill			above the dollar amount.	9.9		8 0	., .
No, other reasons (in school, etc.)      Yes, sould have taken a job.		l a	Wages, salary, commissions, bonuses, or tips from all jobs			0	
O Yes, could have taken a job		-	before deductions for taxes, etc.—	32c.		32d.	
27. When did last work, even for a few days?	28.		Yes →		00	100	Θ
1980 1978 1970 to 1974 Skip	ABC		No (Annual amount — Dollars)		J 1		1 1
0 1979 0 1975 to 1977 0 1969 or earlier to 31d	DEF		Own nonfarm business, partnership, or professional practice	3 3	4 4		< 3
	000	0.	Report net income after business expenses.		9.7		1 4
28 — 30. Current or most recent job activity	GHJ		○ Yes →		5 .	5	22
Describe the chief job activity or business at which worked	000		\$ .00	1 6	7 :	1 "	7 7
the most hours last week (or the last job or business since 1975).	KLM		(Annual amount - Dollars)	6.8			8 0
28 a. For whom did work? If now on active duty in the Armed Forces,	000	C.	Own farm —	رد ۱۰	51 -	i i	*, *
print "AF" and skip to question 31.	100		Report <u>net</u> income after operating expenses.  Include earnings as tenant farmer or sharecropper.	0	A O	J	A O
	111		•	32e.		32f.	
	icc		○ Yes <del>&gt;</del>	(1 ()	00		00
(Name of company, business, organization, or other employer)	( )		No (Annual amount Dollars)	à	00	!	
b. What kind of business or industry was this?	55	a	Interest, dividends, royalties, or net rental income —	3	3 3		3 3
	6 (	"	Report even small amounts credited to an account.	3	9 4	1	5 7
(For example: Hospital, shirt manufacturer)				(5		1	66
c. Is this mainly — (Fill one circle)			↑ Yes → \$ .00	Ĉ	-	-	7.5
Manufacturing     Retail trade	AF O		O No (Annual amount - Dollars)		88		5.5
○ Wholesale trade	NW O	e.	Social Security or Railroad Retirement —			-	
service, government, etc.)	29.	1	• Yes →	32g.		33.	
29 a. What kind of work was doing?	N P Q		\$ .00	. 0	CC	00	
	000		(Annual amount - Dollars)	. 6		8 8	6 6
(Far example: Registered nurse, maintenance mechanic)	RST	f.	Public assistance or public welfare payments —	: 3		3 3	3 2
b. What were most important activities or duties?	000		○ Yes → \$ .00		7 7 5 5	4	- ,
	UVW		O No (Annual amount - Dollars)		66	1. (-	,
(For example: Patient care, repair machines in plant)	000	g	Unemployment compensation, veterans' payments,		2 2		7 .
30. Was — (Fill one circle)	XYZ		pensions, alimony or child support, or any other sources		H H		
Employee of private company, business, or	000		of income received regularly —  Exclude lump-sum payments such as money from an inheritance			0	A O
individual, for wages, salary, or commissions	00		or the sale of a home.	-	i .	4	-
Federal government employee	I 1		○ Yes →	2 5	111		2
Municipal government employee	333		No Zamuni amount Dollars	33	3	· .	3 1
Self-employed in own business,	999	22	(Annual amount – Dollars)	90	19	£,	9.9
professional practice, or farm —	5.3	33.	What was total income in 1979?  Add entries in questions	55	123		23
Own business not incorporated	666		32a through g; subtract	6.6	16		6.5
Own business incorporated	A 900		losses. If total amount (Annual amount – Dollars) was a loss, write "Loss"	8.8.	188	9 8	(d. 15)
Working without pay in family business or farm O	1 -)	1	above amount. OR O None	$c_j$	199	9 ! 9	29

Page 20

## Please Make Sure You Have Filled This Form Completely

	rily and have a usual I	1 that they are staying nome elsewhere, enter
House number	Street or road	Apartment number or location
City	М	unicipio or County
State		ZIP Code

#### NOTE

If you have listed more than 7 persons in Question 1, please make sure that you have filled the form for the first 7 people. Then fill out a continuation questionnaire to obtain the information for the other people.

#### 1 Check to be certain you have:

- Answered Question 1 on page 1.
- Answered Questions 2 through 9 for each person you listed at the top of pages 2 and 3.
- Answered Questions H1 through H35 on pages 3, 4, and 5.
- Filled a pair of pages for each person listed on pages 2 and 3.
   That is, pages 6 and 7 should be filled for the Person in column 1; pages 8 and 9 for the Person in column 2, etc.

Please notice we need answers to questions 17 through 33 for every person born before April 1965 even though they may not seem to apply to the particular person.

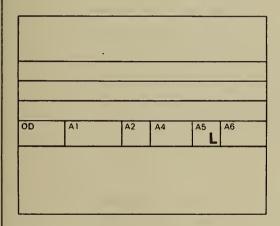
For example, you may have forgotten to fill all the necessary circles on work or on income for a teenager going to school, or a retired person. Please be certain you have recorded all the necessary answers.

Write here the name of the person who filled the form, the date the form was completed, and the telephone number on which the people in this household can be called.

Name				 	
Date					 
Respondent	o tala	hone nu	mber		

Thank you very much.

## Censo De Puerto Rico — 1980



### Sus respuestas son confidenciales

Por ley (título 13, Código de los Estados Unidos), los empleados del censo están sujetos a multa y/o prisión por cualquier divulgación de sus respuestas. Solamente después de los próximos 72 años es que su información está disponible a otras agencias del gobierno o al público. La misma ley requiere que usted conteste las preguntas según su mejor saber y entender.

Departamento de Comercio de los Estados Unidos Negociado del Censo Forma D-2 PR Un mensaje del Director del Negociado del Censo de los Estados Unidos...

Si nuestra Nación ha de hacer frente con éxito a los muchos retos nacionales y locales que afrontamos, debemos, de tiempo en tiempo, hacer un inventario de nosotros mismos como pueblo. Este es el propósito del censo de 1980.

La necesidad esencial de un censo poblacional se reconoció casi 200 años atrás cuando se redactó la Constitución de los Estados Unidos. Según estipula el artículo 1, se han efectuado censos de la población de los Estados Unidos cada 10 años. Dentro del programa del Censo de Población y Vivienda de 1980, y de acuerdo al título 13, Código de los Estados Unidos, el Negociado del Censo de los Estados Unidos está llevando a cabo el censo de la población de Puerto Rico al día 1 de abril de 1980.

La ley bajo la cual se toma el censo protege la confidencialidad de sus respuestas. Por los próximos 72 años, o hasta el 1 de abril del año 2052, únicamente empleados juramentados del censo tienen acceso a los informes individuales y ninguna otra persona puede verlos.

Sus respuestas, al ser combinadas con las de otras personas, proveerán las estadísticas que necesitan los sectores públicos y privados, las escuelas, el comercio y la industria, el Gobierno Federal, el Gobierno de Puerto Rico y el Gobierno Municipal. Estas cifras aumentarán el entendimiento de cómo está cambiando la población y la vivienda puertorriqueña. De esta forma, podemos enfrentar más eficientemente los problemas del presente.

El censo es una actividad de vital importancia para Puerto Rico. Por favor, coopere contestando el cuestionario del censo correcta y completamente. Un enumerador del censo visitará su hogar dentro de varios días para recoger el cuestionario completado. Haga el favor de retener el cuestionario en un sitio seguro y conveniente hasta que el enumerador lo visite.

Gracias por su cooperación.

Tenga la bondad de continuar -

Formulario Aprobado Núm. de O.M.B. 41-S79051



Página 1

#### Pregunta 1:

#### Anote en la Pregunta 1

- Miembros de la familia que viven aquí, incluyendo bebés que aún están en el hospital.
- · Parientes que viven aquí.
- · Pupilos o huéspedes que viven aquí.
- · Sirvientes o empleados que viven aquí.
- · Otras personas que viven aquí.
- Estudiantes universitarios que viven aquí mientras asisten a la universidad, aunque sus padres vivan en otro lugar.
- Personas que regularmente viven aquí pero que están fuera de casa temporalmente (incluyendo niños que están en escuelas de internos de un nivel académico inferior al de universidad).
- Personas que tienen residencia en otro lugar pero que por razones de empleo se quedan aquí la mayor parte de la semana.

#### No Anote en la Pregunta 1

- Cualquier persona ausente del hogar sirviendo en las Fuerzas Armadas.
- Cualquier estudiante universitario que se hospeda en otro lugar mientras asiste a la universidad.
- Cualquier persona que generalmente se queda en otro lugar la mayor parte de la semana por razón de su empleo.
- Cualquier persona que está recluída en una institución como un asilo de ancianos o un hospital para dementes.
- Cualquier persona que se queda aquí o que está visitando aquí pero que tiene su residencia habitual en otro lugar.

	-		
 	_		

#### NOTA

Si todas las personas están aquí temporalmente y tienen residencia habitual en otro lugar, favor de marcar esta casilla .....

Luego, por favor:

- conteste las preguntas en las páginas 2 a la 5, y
- anote la dirección de la residencia habitual en la página 20.

Tenga la bondad de continuar-

Ameliant at	Estas son las columnas	PERSONA en la col	umna 1	PERSONA en	la columna 2
Aquí están las	para las RESPUESTAS -> Favor de llenar una columna	Apellidos		Apellidos	
PREGUNTAS	para cada persona anotada en la Pregunta 1.	Nombre	Iniciel	Nombre	In
Con la perso  Llene un círco  Si marca "Oti	o pariente'' de la persona en la ote la relación exacta, tal como	EMPIECE en esta colum el nombre del miembro de (o uno de los miembros) de o alquila la vivienda. Se persona, anote en esta co nombre de cualquier otr que sea miembro del hog	del hogar que es dueño Si no hay tal olumna el o adulto	Pariente de persona en  Esposo (a)  Hijo (a)  Hermano (a)  No es pariente de perso  Pupilo, huésped  Compañero de cuarto Empleado	O Padre/madre O Otro pariente
3. Sexo Liene un círcu	ılo.	O Masculino	Femenino	O Masculino	O Femenino
de nacimier		a. Edad c. Año de r	-	a. Edad c. Af	no de nacimiento
c. Anote en las	d cumplida. y llene un círculo. casillas en blanco los tres últimos ĭo y llene bajo cada dígito el círculo	b. Mes de nacimiento	1 0 1 0 2 0 2 0 3 0 3 0 4 0 4 0 5 0 5 0	b. Mes de nacimiento	9 0 1 0 1 2 0 2 3 0 3 4 0 4 5 0 5
que correspo	nde a ese número.	O Ene.—Mar. O Abr.—Jun. O Jul.— Sep. O Oct.—Dic.	6 0   6 0   7 0   8 0   8 0   9 0   9 0	O Ene.—Mar. O Abr.—Jun. O Jul.—Sep. O Oct.—Dic.	6 0 6 7 0 7 8 0 8 9 0 9
	siguientes describe el estado o civil de?	. casado (a) O S	livorciado <i>(a)</i> eparado <i>(a)</i> lunca se ha casado	Actualmente casado (a)     Unión consensual     Viudo (a)	<ul><li>Divorciado (a)</li><li>Separado (a)</li><li>Nunca se ha casado</li></ul>
	hospital indique el lugar de la madre, no el lugar de ubicación	O Cuba	lunicipio :	Nació en:  O Puerto Rico  Estados Unidos  Cuba  España  República Domini  O Otro país	Estado
en algúi universidad Llene un círcu Start", kinden que conduce	febrero de 1980, ¿ ha asistido nomento a una escuela o de enseñanza regular? vilo. Incluya pre-kindergarten, "Head parten, escuela elemental e instrucción a la obtención de un diploma de ental o un grado universitario.	No, no ha asistido desde Sí, escuela o universidad Sí, privada, relacionada a Sí, privada, no relacionado	pública a iglesia	No, no ha asistido Sí, escuela o univ Sí, privada, relaci Sí, privada, no rel	ersidad pública onada a iglesia
		Grado más alto al cual ha as  Pre-kındergarten  Escuela elemental hasta escu  1 2 3 4 5 6 7 8 9	Kindergarten lela superior 10 11 12	Grado más alto al cua  Pre-kindergarten  Escuela elemental has  1 2 3 4 5 6 7	O Kinderga sta escuela superior 8 9 10 11 12
que está cursa	e asiste a la escuela, indique el grado ndo. Si terminó la escuela superlor e equivalencia (GED), marque ''12.''	Universidad 1 2 3 4 (año académico) 0 0 0	5 6 o más	Universidad 1 2 (año académico) 0 0	2 3 4 5 6 o más
9. ¿Terminó cual asistió?  Llene un círcu	. el grado (año) más alto al	Actualmente asiste a est     Terminó este grado (o añ     No terminó este grado (o	io)	Actualmente asist     Terminó este grac     No terminó este g	do (o año)

PERSONA en la colum	na 7	Si usted anotó i personas en la i favor de leer la	Pregunta	1,		A LAS PREGUNTAS H1 - NCIA A SU VIVIENDA	- <i>H12</i> Págin:
Pariente de persona en la columna Esposo (a) Padre/ Hijo (a) Otro pi	1: madre	anotarse — hogar o algu- hogar?	ej: un b ien que p	en la Pregunta 1 poi ebé aún en el hospital, ermanece aquí de vez e si se debe incluir.	r no saber si debía un huésped que tiene otro en cuando y no tiene otro	H9. ¿ Qué describe mejor es todos los apartamentos aun Casa móvil o remolque (Casa de una familia, septo Casa de una familia, uni Un edificio para 2 famili	<i>que estén desocupados.</i> (trailer) arada de cualquiera otra casa da a una o más casas
C Compañero parie de cuarto	Jumna 1: ue no es nte	ausente de ○ Sí – De ○ No	I hogar			Un edificio para 3 ó 4 fa Un edificio para 5 a 9 fa Un edificio para 10 a 19 Un edificio para 20 a 49 Un edificio para 50 fami Bote, trenda de campaña	imilias ) familias ) familias ilias o más
○ Empleado	nino	<ul><li>Sí – De</li><li>No</li></ul>	termine s	si se debe Incluir.		H10. SI ésta es una casa de una la a. ¿Está la casa en una proj	piedad de 3 cuerdas o más?
Edad c. Año de nacir cumplida	niento		nente de		asillo común o público?	b. ¿Se usa alguna parte de l	○ No la propiedad como: Sí No
1 1 1	- 1	<u>H5a</u> . ¿Hay agua	calient	te y fría por tuberías	en este edificio?	(1) Establecimiento com (2) Oficina médica? (3) Otro tipo de oficina?	nercial?
345	0 3 0 0 4 0 0 5 0	O No hay	agua poi	ua fría por tuberías r tuberías o ducha en este edif		H11. Si ésta es una <u>casa de una</u> condominio la cual usted p	oosee o está comprando -
O Jul.—Sep. 8	0 6 0 0 7 0 0 8 0 0 9 0	O Sí, para O Sí, pero	uso exc	lusivo de este hogar ambién por otro hoga		terreno o unidad en un	que esta propiedad (casa y condominio) se vendería?
Actualmente	ciado (a)	c. ¿Hay un ir	odoro e	n este edificio?		<ul><li>Menos de \$2,000</li><li>\$2,000 a \$2,999</li><li>\$3,000 a \$3,999</li><li>\$4,000 a \$4,999</li></ul>	\$25,000 a \$27,499 \$27,500 a \$29,999 \$30,000 a \$32,499 \$32,500 a \$34,999
Unión Separ consensual Nunc Viudo (a) casa	a se ha	O Sí, pero	usado ta	ambién por otro hoga "¿qué tipo de icio sanitario hay?	○ Letrina	\$5,000 a \$7,499 \$7,500 a \$9,999 \$10,000 a \$12,499	\$35,000 a \$37,499 \$37,500 a \$39,999 \$40,000 a \$44,999
lació en:  ○ Puerto Rico → Munic  ○ Estados Unidos →	Ipio	— Cuente salas,	comedoi año, balc )	ene su vivienda? res, cocinas y dormito cones, vestíbulos ni pa  4 cuartos  5 cuartos		\$12,500 a \$12,499 \$15,000 a \$17,499 \$15,000 a \$17,499 \$17,500 a \$19,999 \$20,000 a \$22,499 \$22,500 a \$24,999	\$45,000 a \$49,999 \$50,000 a \$59,999 \$60,000 a \$74,999 \$75,000 a \$99,999 \$100,000 o más
○ España Esta ○ República Dominicana ○ Otro país →		3 cuarto	os	O 6 cuartos	9 cuartos o más	H12. Si usted poga alquiler por i iCuál es el alquiler men	
O No, no ha asistido desde el 1			la por pa	ago en efectivo?	iembro de este hogar?	de referencia cómo calculo  Menos de \$30	or el alquiler mensual.  O \$140 a \$149
<ul> <li>Sí, escuela o universidad púb</li> <li>Sí, privada, relacionada a igle</li> </ul>	sia	H8. ¿Es este ap	partame	nto (casa) parte de :	un condominio?	\$30 a \$39 \$40 a \$49 \$50 a \$59 \$60 a \$69	<pre>\$150 a \$159 \$160 a \$169 \$170 a \$179 \$180 a \$189</pre>
O Sí, privada, no relacionada a			PARA L		ICAMENTE ,	O \$70 a \$79	O \$190 a \$199
rado más alto al cual ha asistid	o:	Bloque Nú	imero	B. Tipo de vivienda	Para viviendas desocupadas	0 \$80 a \$89	O \$200 a \$224
O <u>Pre-kindergarten</u> O <u>K</u>	indergarten		seria	<u>Ocupada</u>	C1. ¿Vivienda para uso	○ \$90 a \$99 ○ \$100 a \$109	O \$225 a \$249 O \$250 a \$299
Escuela elemental hasta escuela s				O Primer cuestionario	O Todo el año? O Estacional? — No	O \$110 a \$119 O \$120 a \$129	○ \$300 a \$349 ○ \$350 a \$399
1 2 3 4 5 6 7 8 9 10 1 0 0 0 0 0 0 0 0 0 0 0 0				O Continuación	conteste C2, C3 y D.	O \$130 a \$139	O \$400 o más
<u>Universidad</u> 1 2 3 4 5 (año académico) 0 0 0 0		IIIII	000	O Regular	C2. Clasificación  O Para alquiler  O Para yenta únicamento	= ' '	F. Total de OOO
Nunca asistió a la escuela - Na	pregunte la 9	3 3 3 3 3	3 3	Residencia     habitual en     otro lugar	Para venta únicamente     Alquilada o vendida	O De 1 a 2 meses	588
<ul> <li>Actualmente asiste a este gra</li> <li>Terminó este grado (o año)</li> <li>No terminó este grado (o año)</li> </ul>		5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6	555	Alojamiento de grupo  Primer	pero desocupada Para uso ocasional Otra vacante C3. ¿Está entablada	<ul> <li>De 2 a 6 meses</li> <li>De 6 a 12 meses</li> <li>De 1 a 2 años</li> <li>2 años o más</li> </ul>	3 3 3 4 4 4 5 5 5 6 6 6
PARA USO DEL CENSO SOLAMENTE	N 00		999	cuestionario Continuación	(boarded up) esta vivienda?	E. 2. O Pob./F	Número 888

3a, ¿Está situado este edificio —	CONTESTE TAMBIÉN ES H22. ¿Tiene su vivienda facilidades de cocina completas?	PARA USO
O En un solar de la ciudad o suburbio? — Pase a la pregunta H14	Facilidades de cocina completas consisten de fregadero con agua por tuberías,	DEL CENSO
O En un predio de menos de 3 cuerdas?	estufa para cocinar y nevera.	H21a.
O En un predio de 3 cuerdas o más?	O Sí O No	000
	H23. ¿Cuántos dormitorios tiene su vivienda? Incluya los cuartos que se usan	1 2 1 2
b. ¿El año pasado, 1979, ascendieron las ventas de cosechas, ganado y otros	principalmente para dormir aunque también se usen para otros propósitos.	8 8 8
productos agrícolas en este lugar a —		3 3 3
O \$1 a \$99 O \$200 a \$299 O \$500 o más	<ul> <li>○ No hay dormitorios</li> <li>○ 2 dormitorios</li> <li>○ 4 dormitorios</li> <li>○ 5 dormitorios o más</li> </ul>	9 0 9
○ \$100 a \$199 ○ \$300 a \$499 ○ No hubo ventas `	O 1 doi mitorio O 3 doi mitorios O 1 doi mitorios O 1 las	5 5 5
	H24. ¿Cuántos cuartos de baño tiene su vivienda?	5 6 6
	Un cuarto de baño completo es un cuarto con un inodoro, una bañera o ducha	2 7 7
4. ¿Obtiene usted agua para su vivienda de —	y un lavamanos con agua por tuberlas.	9 9 9
O Un acueducto público?	Un <u>medio</u> cuarto de baño tiene, por lo menos, un inodoro <u>o</u> bañera o ducha, pero <u>no</u> tiene todas las facilidades de un cuarto de baño completo.	
O Un pozo privado?	Ninguno	H21b.
<ul> <li>Aljibe, tanques o drones?</li> <li>Manantial u otra fuente (río, canal de riego, etc.)?</li> </ul>	Sólo medios cuartos de baño	000
wantania a dia lacine pro, cana ao riogo, esciy.	1 cuarto de baño completo	I I I
5. ¿Está este edificio conectado al alcantarillado público?	1 cuarto de baño completo más medios cuartos de baño	8 8 8
Sí, está conectado al alcantarillado público	O 2 o más cuartos de baño completos	3 3 3
No, está conectado a un pozo séptico o pozo negro	H25. ¿Tiene usted un teléfono dentro de su vivienda?	5 5 5
No, usa otros medios	The state of the s	6 6 6
	O Sí O No	3 3 3
6. ¿Apróximadamente cuándo fue construido este edificio? Indique cuando el	H26. ¿Tiene su vivienda aire acondicionado?	ଷ ର ଖ
edificio fue construido originalmente, no cuando fue remodelado, ampliado o convertido.	Sí, un sistema central de aire acondicionado	9 9 9
O 1979 a 1980 O 1960 a 1969 O 1940 a 1949	Si, una unidad individual para cuarto	H21c.
○ 1975 a 1978 ○ 1950 a 1959 ○ 1939 o antes	O Sí, dos o más unidades individuales para cuarto	000
O 1970 a 1974	O No	III
	H27. ¿Cuántos automóviles tiene en casa para el uso de los miembros	S S S
7. ¿Cuándo se mudó a esta casa (o apartamento) la persona anotada en la columna 1?	de este hogar?	3 3 3
	○ Ninguno ○ 2 automóviles	4 4 4
○ 1979 a 1980 ○ 1960 a 1969 ○ 1949 o antes ○ 1975 a 1978 ○ 1950 a 1959 ○ Siempre ha vivido aquí	O 1 automóvil O 3 automóviles o más	5 5 5
○ 1975 a 1978 ○ 1950 a 1959 ○ Siempre ha vivido aquí ○ 1970 a 1974	H28. ¿Cuántos carniones cubiertos (van) o descubiertos (trucks) de una	? ? ?
	tonelada o menos de capacidad tiene en casa para uso de los	8 8 8
8. ¿Tiene esta vivienda alumbrado eléctrico?	miembros de este hogar?	9 9 9
○ Sí ○ No	O. Ninguno O 2 camiones cubiertos o descubiertos	H21d.
9. ¿Qué tipo de energía usa mayormente su calentador de agua (tipo tanque)?	1 camión cubierto o	0000
Si tiene calentador de ducha <u>solamente</u> , marque "No hay calentador tipo tanque."	descubierto descubiertos	IIII
	H29. ¿Qué describe mejor el tipo de construcción de este edificio?	8888
Electricidad Otros combustibles	Liene un círculo solamente.	3 3 3 3
Energía solar	Paredes de mampostería o concreto (concreto armado, bloques de	5555
0. ¿ Cuál combustible usa principalmente para cocinar?	concreto, piedra, bioques ornamentales, etc.)	6666
Gas por tuberías subterráneas , O Aceite combustible, queroseno, etc.	O Con techo de concreto	2 2 7 7
que sirven a toda la comunidad O Carbón vegetal	O Con techo de madera	8888
Gas en cilindros, tanques o Ceña	Paredes de madera	9999
petróleo líquido Otra clase de combustible  © Electricidad O No uso combustibles	<ul> <li>Con cimientos de mampostería o concreto armado, etc.</li> <li>Con cimientos de pilotes de madera</li> </ul>	H32.
		0000
1. ¿Cuántos son los costos por servicios públicos y combustibles	Paredes de mampostería o concreto y madera     Otro tipo de construcción	IllI
para su vivienda?	Otro tipo de construcción	5555
a. Electricidad  O Incluido en el alquiler o no hay cargo	H30. Condición de esta vivienda — Conteste por observación	3 3 3 3
\$ .00 O O No se usa electricidad	a. Construcción original:	5555
Costo promedio mensual	O Adecuada O Inadecuada	6666
b. Gas	b. Si "adecuada" — la condición actual es:	7777
O Incluido en el alquiler o no hay cargo	O Buena Deteriorándose Dilapidada	8888
\$ .00 O O No se usa gas		9999
Costo promedio mensual	H31—H32. Haga las preguntas H31 y H32 si esta vivienda es propiedad de o está	0000
c. Agua	siendo comprada por un miembro de este hogar.	1111
O Incluido en el alquiler o no hay cargo	<u>H31</u> . ¿Es el dueño de la unidad también dueño del solar o alquila el solar?	8888
\$ .00 0	Dueño o está comprando el solar	3 3 3 3
Costo promedio mensual	Paga alquiler por el solar     No paga alquiler por el solar	9999
d. Aceite combustible, carbón vegetal, queroseno, leña, etc.	No paga alquiler en efectivo por el uso del solar	5555
	H32. Si el solar es alquilado - ¿Cuánto paga mensualmente por el solar?	7777
, Incluido en el alquiler o no hay cargo		
\$ .00 0 No se usan estos combustibles	\$ .00	8888

Una unidad en un condominio	que es ata de una de éstas, o si la Ilada, o si ésta es una estri a las preguntas H33 a H35	ictura muli	ifamiliar,	6.			
33. ¿Cuánto fueron las contribuciones o impuestos sobre bienes raíces en esta propiedad el año pasado?  \$					○ No se	vámenes sob requieren i	pre <u>esta</u> propiedad, pagos ase a la página 6.
34. ¿Cuál es la prima anual por concepto de seguro contra incendio y ries, en esta propiedad?  \$ .00 Nada  35a. ¿Tiene usted alguna hipoteca o deuda semejante sobre esta propied	d. ¿Inclu pago en e	<b>s por con</b> sta propie Sí, están i	cepto de co dad? ncluidos en e	regular (I ntribucio	la cantidad anot nes o impuesto ensual	ada en la p s sobre bi	regunta H35c) enes raíces
<ul> <li>Sí, hipoteca o deuda semejante</li> <li>No — Pase a la pógina 6.</li> </ul>	e. činclu pagos	ye su pag por conc Sí, están i	o mensual re epto de segu ncluidos en e	egular (la ro contra I pago me	cantidad anota incendio y ries ensual	da en la pr	egunta H35c)
b. ¿Tiene usted una segunda hipoteca u otro gravamen sobre <u>esta</u> pro  ○ Sí ○ No	piedad?				Favor de pasa	ar a la pa	ágina 6.
PARA US	D DEL CENSO ÚNICAME	NTE 2.	6.	2.	6.	2.	6.
	1		0 0 0 1 1 1 1 2 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 5 5 5 6 6 5 5 7 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8	② 4 3 4 3 6		3	
	4	2.	6. 0 0 0 1 1 I - 2 2 3 3 3 4 4 1 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9	<b>2.</b>	1	6	2 6 6 6 6 8 3 3 3 3 4 4 4 4 4 5 5 5 5 5 5 5 5 5 5 5
	7	2.		GQ.	H33.	H34.	H35c.

na 6 Nombre de la	14. ¿Sabe leer y escribir (en cualquier idioma)?	21a. ¿ Ha completado los requisitos de un programa o
Persona 1 en	O Sí O No	adiestramiento vocacional en una escuela industria escuela comercial, hospital u otro tipo de escuela
a página 2:  Apellidos Nombre Inicial	15a. ¿Sabe hablar español?	de adiestramiento ocupacional?
Oa. ¿Dónde nació el padre de?	O Sí O No	No incluya cursos académicos de nivel universitario.
Puerto Rico Estados Unidos —	b. ¿Sabe hablar inglés?	Sí No—Pase a la pregunta 2
Otro país —	O Sí, con fluidez	b. ¿En qué tipo de escuela recibió el adiestramiento?
Especifique >	O Sí, can dificultad	Escuela comercial, industrial o "junior college"
(Estado de E.U. o país extranjero) b. ¿Dónde nació la madre de?	○ No, no hablo ingleś	<ul> <li>Programa vocacional de escuela superior</li> <li>Programa de adiestramiento en el lugar de trabajo</li> </ul>
Puerto Rico	16. Enumerador — Marque cuándo nació esta persona.	Otra escuela — Especifique —
Otro país —	Antes de abril 1965 – Haga las preguntas 17 a 33. (Omita la pregunta 17 si nació de	
Especifique ->-	abril 1960 a marzo 196S.)	22a. ¿Hizo algún trabajo durante la semana pasada
(Estado de E.U. o país extranjero)	Abril 1965 o después -Pase a la página que corresponde	
SI esta persona nació en un país extranjero —     SI esta persona nació en un país extranjero —     SI esta persona nació en un país extranjero —	a la siguiente persona.	si trabajó jornada y si no trabajó. completa o parcial.
a. ¿Es ciudadano naturalizado de los E.U.?  Sí, ciudadano naturalizado	17. En abril de 1975 (clnco años atrás), ¿estaba —	ruse a la pregunta 25
No, no es ciudadano	a. En servicio activo en las Fuerzas Armadas?  O Sí  No	b. ¿Cuántas horas trabajó la semana pasada (en todos los empleos)? Reste cualquier tiempo no
Nació en otro país de padres americanos		trabajado; sume horas extras trabajadas.
(incluyenda puertorriqueños)	b. Asistiendo a la universidad?	
b. ¿Cuándo entró a P.R. para quedarse en el país?	O Sí O No	Horas
○ 1975 a 1980 │ ○ 1965 a 1969 │ ○ 1950 a 1959	c. Trabajando en un empleo o negocio?	23. ¿En qué localidad trabajó la semana pasada?
○ 1970 a 1974 │ ○ 1960 a 1964 │ ○ Antes de 1950		Si trabajó en más de una localidad, indique aquella donde él o ella trabajó más tiempo la semana pasada.
	O Sí, jornada parcial	a. Dirección:
2a. ¿ Vivía en esta casa cinco años atrás	18a. ¿Es veterano del servicio militar activo en las	Calle y número
(1 de abril, 1975)?	Fuerzas Armadas de los Estados Unidos?  Sí No — Pase a la pregunta 19	b. Nombre de la ciudad, pueblo, aldea, etc.
O Nació en abril de 1975 o después — Pase a la		
página que corresponde a la siguiente persona.  O Sí, en esta casa — Pase a la pregunta 13	b. ¿Fue el servicio militar activo durante —	
No, en otra casa	Liene un círculo para cada período en que la persona sirvió.  Mayo de 1975 o después?	
b.¿Dónde vivía cinco años atrás (1 de abril, 1975)?	<ul> <li>Época de Vietnam (Agto. 1964 – Abr. 1975)?</li> </ul>	c. Barrio
(1) Nombre del municipio, Estado de E.U.,	O Febrero de 1955 — julio de 1964?	
Islas Vírgenes o país extranjero:	<ul> <li>Conflicto Coreano (Jun. 1980 – Ene. 1988)?</li> <li>Segunda Guerra Mundial (Sept. 1940 – Jul. 1947)?</li> </ul>	d. Municipio e. ZIP Code
(2) Nombre del barrio o condado de E.U.:	O Primera Guerra Mundial (Abr. 1917 – Nov. 1918)?	24a. Durante la semana pasada, ¿ cuántos minutos se
(-,	Cualquier otro período?	tardó usualmente en ir de su casa al trabajo
(2) Number of the state of the s	19. ¿ Tiene una incapacidad física, mental u otra	(en una dirección)?
(3) Nombre de la ciudad, pueblo o aldea:	condición de salud que ha durado por	Minutos
~======================================	6 meses o más y que —	b. Durante la semana pasada, ¿cómo se transportó
3a. Durante los últimos 10 años, ¿vivió alguna vez	a. <u>Limita</u> la clase o cantidad de trabajo SI NO Que puede hacer en un empleo? O	usualmente a su trabajo? Si usó más de un medio de transportación, indique el el
en los E.U. por <u>6 meses consecutivos o más?</u>	b. Impide que trabaje en un empleo? O	usualmente utilizó para viajar la mayor parte de la distanc
Sí No — Pase a la pregunta 14	c. Limita o impide que use	O Auto privado O Lancha
b. ¿En qué affo vino o regresó a P.R la última vez?	transportación pública? O	Camión descubierto
○ 1980 ○ 1977 □ 1974 ○ 1979 · ○ 1976 ○ 1973	20. Si esta persona es del sexo femenino —	(truck) ○ A pie solamente ○ Camión cubierto ○ Trabajó en casa
O 1979 ' O 1976 O 1973		(van) Otro medio — Especifij
	Luantos pepes na tenido.	_
O 1978 O 1975 O 1970 a 1972	sin contar los que han	O Guagua
○ 1978 ○ 1975 ○ 1970 a 1972 c. ¿Por cuánto tiempo vivió en los E.U. la última vez?	sin contar los que han 0 00000 nacido muertos?	O Carro público
O 1978 O 1975 O 1970 a 1972	sin contar los que han o o o o o o nacido muertos?  No cuente hijastros(as) o 7 8 9 10 11 12 o más	Carro público     Si Indicó automóvil privado, camión descubierto o cubler.
○ 1978 ○ 1975 ○ 1970 a 1972  c. ¿Por cuánto tiempo vivió en los E.U. la última vez? ○ 6 meses a 1 año ○ 5 años	sin contar los que han 00000000000000000000000000000000000	Carro público     Si Indicó automóvil privado, camión descubierto o cubler.
○ 1978 ○ 1975 ○ 1970 a 1972  c. ¿Por cuánto tiempo vivió en los E.U. la última vez? ○ 6 meses a 1 año ○ 5 años ○ 1 a 2 años ○ 6 a 9 años	sin contar los que han 00000000000000000000000000000000000	Carro público  SI Indicó automóvil privado, camión descubierto o cubier en la 24b, continúe con la 24c. De lo contrario, pase a la DEL CENSO
0 1978 0 1975 0 1970 a 1972  c. ¿Por cuánto tiempo vivió en los E.U. la última vez?  ○ 6 meses a l año ○ 5 años ○ 1 a 2 años ○ 6 a 9 años ○ 3 a 4 años ○ 10 años o más  d. Los últimos 6 meses que vivió en los E.U., ¿estaba —	sin contar los que han nacido muertos?  No cuente hijastros(as) o 7 8 9 10 11 12 o más nliños que haya adoptado.  Persona 10a. 10b. 12b. número	Carro público Si Indicó automóvil privado, camión descubierta o cubierta en la 24b, continúe con la 24c. De lo contraria, pase a la 2EL CENSO
0 1978	sin contar los que han nacido muertos?  No cuente hijastros(as) o 7 8 9 10 11 12 o más niños que haya adoptado.  Persona 10a. 10b. 12b. número 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Carro público  Si Indicó automóvil privada, camión descubierto o cubier en la 24b, continúe con la 24c. De lo contrario, pase a la DEL CENSO  22b. 23. OVL 24a.  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
○ 1978 ○ 1975 ○ 1970 a 1972  c. ¿Por cuánto tiempo vivió en los E.U. la última vez? ○ 6 meses a 1 año ○ 5 años ○ 1 a 2 años ○ 6 a 9 años ○ 3 a 4 años ○ 10 años o más  d. Los últimos 6 meses que vivió en los E.U., ¿estaba — Sí №	sin contar los que han nacido muertos?  No cuente hijastros(as) o 7 8 9 10 11 12 o más nliños que haya adoptado.  Persona 10a. 10b. 12b. número	Carro público  SI Indicó automóvil privado, camión descubierto o cubier en la 24b, continúe con la 24c. De lo contrario, pase a la DEL CENSO  22b. 23.
○ 1978	Sin contar los que han nacido muertos?   7 8 9 10 11 12 0 más   7	Carro público   Si Indicó automóvil privado, camión descublerta o cublerta en la 24b, continúe con la 24c. De lo contrario, pase a la 2EL CENSO
0 1978	Sin contar los que han nacido muertos?   7 8 9 10 11 12 0 más   7	O Carro público  SI Indicó automóvil privada, camión descubierta o cubierta en la 24b, continúe con la 24c. De lo contraria, pase a la 2  DEL CENSO  22b.  23.  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 1978	Sin contar los que han nacido muertos?   7 8 9 10 11 12 0 más   7	Carro público  Si Indicó automóvil privada, camión descubierta o cubierta en la 24b, continúe con la 24c. De lo contrario, pase a la 2  EL CENSO  22b.  33  11  11  11  11  24a.  33333333333333333333333333333333333

ERSONA 1 EN LA PÁGINA 2 4c. ¿Para ir al trabajo la semana pasada, usualmente —	USO DEL	31a. ¿Trabajó el afío pasado (1979) en algún empleo	USO	DEL (	CENSO
O Manejó solo? — Pase O Llevó pasajeros solamente?	CENSO	remunerado o en un negocio o finca aunque fuera		31c.	31d.
a la pregunta 28 O Viajó como pasajero solamente:	,	por unos pocos días?	[ [		1
O Tomó turno manejando?		○ Sí No — Pase a la pregunta 31d	00	00	
d. ¿ Cuántas personas, incluyendo, usualmente viajaron al	1	b. ¿Cuántas semanas trabajó en 1979?	2 2	5 5	
trabajo la semana pasada en ese vehículo?		Incluya vacaciones con paga, licencia por enfermedad con paga y	3 3	3 3	
0 2 0 4 0 6		servicio militar.	0-0-	9. 9	
0 3 0 5 0 7 o más		Semanas	55	5 5	1 0
Después de hacer la pregunta 24d, pase a la pregunta 28.			6	66	
		c. Durante las semanas trabajadas en el 1979, ¿cuántas horas	6	7 7	
5. ¿Estuvo temporalmente ausente o en paro forzoso de un		trabajó usualmente cada semana?	9	8 8 5 9	
empleo o negocio <u>la semana pasada</u> ?		Horas		-1, -5	' i '
O Sí, en paro forzoso			32a.		32Ь.
Sí, de vacaciones, enfermedad temporal, disputa laboral, etc.		d. De las semanas que <u>no trabajó</u> en 1979 (si alguna),	000	0	0000
○ No		¿cuántas semanas estuvo buscando trabajo o en	111	1	1111
		paro forzoso de un empleo?	5 5 5	18	8888
6a.¿Ha estado buscando trabajodurante las últimas 4 semanas	?	Semanas	3 3 3		3 3 3 3
∵ ○ Sí		32. Ingreso en el 1979 —			0- 0- 0- 0-
1	-	Durante todo el año 1979, ¿recibló algún ingreso de las			5555
b. ¿Pudo haber aceptado empleo la semana pasada?		fuentes detalladas a continuación? Si contesta "Sí" a cualquiera			6666
O No, ya tenía empleo		de las fuentes - ¿Cuánto recibió? Si el Ingreso neto en 32b,	388		8 8 8 8 8
No, estaba temporalmente enfermo(a)		c 6 d fue una pérdida, escriba "Pérdida" sobre la cantidad.	-		9999
No, por otras razones (en la escuela, etc.)     Sí, pudo haber aceptado empleo		a. Jornales, salarios, comisiones, bonificaciones o propinas	4	0	
Gi, pado naber aceptado empleo		de todos los empleos, antes de deducir impuestos, etc. —	32c.		32d.
7. ¿Cuándo trabajó la última vez, aunque fuera por pocos días?	28.	○ Sí →			0000
O 1980 O 1978 O 1970 a 1974 ) Pase a la	ABC	\$ .00			1 1 1 I
0 1979 0 1975 a 1977 0 1969 o antes   pregunto	000	O No (Cantidad anual – dólares)	888	,	8858
O Nunca trabajó ) 31d	DEF	b. Negocio propio no agrícola, sociedad o práctica profesional	3 3 3	3	3 3 3 3
9 20 Astividad on all amples setual a all más positivata	000	Informe el ingreso neto después de deducir los gastos del negocio.		9-1	9999
8-30. Actividad en el empleo actual o el más reciente  Describa la actividad principal en el empleo o negocio en el		_ 0 sí →	5 5 5		5 5 5 5
cual trabajó el mayor número de horas la semana pasada	GHJ	\$ .00	666		6666
(o su último empleo o negocio desde el 1975).	000	O No (Cantidad anual – dólares)	77.		7 <b>77</b> 7
,	KLM	c. Finca propia —	999		9999
8a. ¿Para quién trabajó? Si actualmente está en servicio activo en las	000	Informe el ingreso neto después de deducir los gastos de operación.		0	
Fuerzas Armadas, escriba "FA" y pase a la 31.	000	Incluya el Ingreso devengado en su capacidad de agricultor	32e.	+ .	32f.
	III	arrendatario o medianero.		i	
	5 5 5	0 sí →	000		0000
(Nombre de la compañía, negocio, organización u otro patrono)	3 3	\$ .00 No ====================================	5.8		3 - 5
b. ¿Qué clase de negocio o industria era ésta?	9-9-	(Cantidad anual – dólares)	3 3		3 3 3
	5 5	d. Intereses, dividendos, derechos de autor o de inventor, o	0, 0,	- 4-	0- 0- 0-
	66	ingreso neto por rentas —	5.5	5	555
(Por ejemplo: Hospital, fabricante de camisos)	488	Informe cantidades acreditadas a una cuenta, no Importa el tamaño.	66	1	666
c. ¿Es este negocio principalmente — (Liene un círculo)	99	○ Sí → \$ .00	7 7		777
O Manufactura? O Comercio por menor?	AF O	O No (Cantidad anual – dólares)	88	- 1	888
O Comercio por mayor? Otro (agricultura, construcción,	NW O		L		7 9 9
servicios, gabierno, etc.)?		e. Seguro Social o Retiro del Ferrocarril —	32g.	:	33.
9a. ¿Qué clase de trabajo hacía ?	29.	Sí → \$ ,00	000	0	0000
The state of the s	NPQ	O No (Cantidad anual – dólares)	III	1	1 1 1 1
	000		888	. 3	8888
(Por ejemplo: Enfermera graduada, mecánico de mantenimiento)	RST	f. Pagos de asistencia o bienestar público —	3 3 3		3 3 3 3
b. ¿Cuáles fueron las actividades o deberes más importantes de?	000	○ Sí → s .00	9 4 4		8 4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	UVW	O No (Cantidad anual – dólares)			6666
(Por ejemplo: Cuidar pacientes, reparar las máquinas)	000	g. Compensación por desempleo, pagos a veteranos,	7 7 7		7777
O. iEra — (Llene un círculo)	XYZ	pensiones, pagos por divorcio, separación y mantenimiento	Dec. 10. 10.		a ន់ ន់ ន
	000	de niños o cualquier otro ingreso recibido regularmente de	0.01		9999
Empleado de una compañía o negocio privado		otras fuentes — Excluya pagos globales como las cantidades	100		O A O
o de un individuo, por jornal, sueldo o comisiones? O	00	procedentes de una herencia o de la venta de una casa.			T .
Empleado del gobierno federal?	I I	○ Sí →	1 1	1 1	111
Empleado del gobierno de Puerto Rico?	5 5	\$ .00		8 3	5 8 8
Empleado del gobierno municipal?	333	O No (Cantidad anual – d'Glares)		33	333
Empleado por cuenta propia en su negocio,	555	33. ¿Cuál fue el total de ingreso de esta persona en 1979?		55	1555
práctica profesional o finca —	666	Sume las cantidades en		66	666
Negocio propio no incorporado?	7 ? ?	32a hasta 32g, restando las		77	777
Negocio propio incorporado?	888	pérdidas. Si el total fue una pérdida, (Cantidad anual – dolares)		ន់គ	888
Trabajador sin paga en un negocio o finca de la familia?	999	escriba "Pérdida" sobre la cantidad O Nada	55	99	1999

Pagina 20

### Por Favor, Asegúrese de Haber Llenado Completamente Este Cuestionario

aqui temporalmente y	estaron en la Pregunta 1 que tienen residencia h ur en este espacio la di	abitual en otro
Número de la casa	Calle o carretera	Número o localización del apartamento
Ciudad	Municipi	o o condado
Estado		ZIP Code

#### **NOTA**

Si usted ha anotado más de 7 personas en la Pregunta 1, por favor, asegúrese de que ha completado el cuestionario para las primeras 7 personas. Luego, complete un cuestionario de continuación para obtener la información sobre las demás personas.

- 1 Revise el cuestionario para asegurarse de que ha:
  - Contestado la Pregunta 1 en la página 1.
  - Contestado las Preguntas 2 a la 9 para cada persona que usted anotó al principio de las columnas en las páginas 2 y 3.
  - Contestado las Preguntas H1 a la H35 en las páginas 3, 4 y 5.
  - Contestado dos páginas para cada persona que anotó en las páginas 2 y 3. Es decir, las páginas 6 y 7 deberán estar contestadas para la Persona en la columna 1; las páginas 8 y 9 para la Persona en la columna 2, etc.

Por favor, note que necesitamos respuestas a las preguntas 17 a la 33 sobre cada persona nacida entes de abril de 1965, eunqua las preguntas parezcan no ser aplicables a la persona en particular.

Por ejemplo, tal vez se le haya olvidado llenar todos los círculos relacionados con el trabajo o el ingreso de un adolescente que asiste a la escuela o de una persona jubilada. Asegúresa de qua ha anotado todos las respuestas necesarias.

**2** Escriba aquí el nombre de la persona que llenó el cuestionario, la fecha en la que el cuestionario fue completado y el número de teléfono que debemos llamar para comunicarnos con las personas que habitan en esta vivienda.

Nombre			
Fecha			
Número de taléfono del resp	ondedor		
italijero de talorono del resp		 	

Muchisimas gracias.

# GPO : 1979 0 - 305-026

~P2
D.O.  A1.  A2.  A4.  A5.  S  A6.
FIRST FORM CONTINUATION
4. About when was this building originally built? Mark when the building was lirst constructed, not when it was remodeled, edded to, or converted.  1
5a. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and refrigerator.  1 Yes - SKIP to 6a 2 No - Continue with 5b  b. Do you have a refrigerator?
3 Yes 4 No  6a. Do you have a telephone in your living quarters?  1 Yes - SKIP to 7a 2 No - Continue with 6b
b. Is the nearest available telephone within 1/4 mite of your living quarters?  3 \( \text{Yes, within 1/4 mile} \)  4 \( \text{No, more than 1/4 mile away} \)
7a. Do you have electric lighting in your living quarters?  1
8. What is the main type of material used for the Iloors of your living quarters? Read each category and mark one box.  1
#12.    Less than \$50
0949499

Name of Person 1	15a. Did this person live in this house (or dwelling) 1 year ago (April 1, 1979)?	18a. During the last 12 months, where did this person usually seek health care? Read each category mark one box for the source used most often.
First seed and seed to the seed of the see	1 Born April 1979 or later – SKIP to 17	1   Indian Health Service (IHS)
Last name First name Middle initial		clinic, health center or hospital
10. What is this person's tribe? Report tribe in which enrolled. If not enrolled, report principal tribe.	No, different house - Continue with 15b	2 Tribal clinic or hospital
emoned. If not chronial, report principal tribe.	b. Where did this person live 1 year ago (April 1, 1979)?	3 Private physician or dentist
	4 ☐ On this reservation	Government (Federal, State, county,
(Name of tribe)	s 🗀 On another reservation 🕳	or city) clinic or hospital
o None - SKIP to 12a		s 🗆 Other
	(a)(Reservetion)	6 ☐ Did not seek health care - SKIP to 20
Is this person enrolled in (tribe entered in question 10) tribe?	(0)	
ı □ Yes	(County)	
· 2 No	(c)	
. 185	(Stete)	b. During the last 12 months, how long did it usually this person to get one way from home to the place
12a. Since February 1, 1980, has this person attended		(marked in 18a) where health care was received
regular school or college at any time? Count nursery school, kindergarten, elementery school, and	6 ☐ Off reservation —	1 🗀 Less than 30 minutes
schooling which leads to a high school diploma or college degree.		2 🔲 30 minutes to less than 1 hour
3 ☐ Yes - Continue with 12b	(a)(City, town, village, etc.)	з 🔲 1 hour to less than 2 hours
	(Only, town, viriage, etc.)	4 🗀 2 or more hours
4 ☐ No, has not attended — SKIP to 13	(b)	
b. What kind of school or college has this person been	(County)	
attending? Read each category and mark one box	(c)	
s 🖂 Tribal school, tribal college	(State, foreign country, Puerto Rico, Guem, etc.)	
6 ☐ Bureau of Indian Affairs day school		19. During the last 12 months, how was this person's
7 Bureau of Indian Attairs boarding school	16. When did this person last move onto this reservation?	health care paid for? Read each category and in one box for the one used most often.
B Public school	For persons Ilving in Oklahoma outside the Osage Reservation, mark box 8 and do not	1 Received from Indian Health Service or tribe
	ask this question.	no cost
∍ ☐ Private school	1 1979 or 1980	2 Medicare
13. What is the highest grade (or year) of regular school	2 1975 to 1978	э <u></u> Medicaid
this person has ever attended?	3 ☐ 1970 to 1974	Received from other governmental source at
Mark one box for highest grade attended.	4 1960 to 1969	no cost
It now attending school, mark grade person is in.	s 1950 to 1959 s 1949 or earlier	s Received from private source at no cost
If high school was finished by equivalency test (GED), mark ''12.''	7 Always lived on this reservation	6 Private health insurance (For example:
TOT (DED), HAIT FE	Now living in Oklahoma outside the Osage	Aetna, Blue Cross, Health Maintenance Organization, Kaiser or other health plan)
N Thursery school	Reservation Reservation	7 Paid for by person or other member of family
K <u>Kindergarten</u>	17. Since March 1, 1980, did this person see and/or	a □ Other
Elementary through high school (grade or year)	receive medical or dental services from any of the following? Mark one box for each category.	
1 2 3 4 5 6 7 8 9 10 11 12		
	Yes No	
College (academic year)	a. Doctor (includes specialists)	
1st 2nd 3rd 4th 5th or more	b. Dentist	
o Never attended school – SKIP to 15	c. Nurse	20. When was this person born?
	d. Pharmacist	ı ☐ Born belore April 1965 – Please go on will questions 21 through 29
14. Did this person finish the highest grade (or year) attended? Mark one box.	e. Community Health Representative (CHR)	2 Born April 1965 or later - Turn to next pag
1 Now atlending this grade (or year)	f. Midwife	
2 Finished this grade (or year)	g. Physician Assistant or Medic ⁵	
3 Did not finish this grade (or year)	h. Community Health Aide	
	Lancing the second seco	

	21a. Last year (1979), did this person work, even for a few	24. When did this person last work, even for a few days, at	28. In 1979, did this person receive benefits from any of
7	days, at a paid job or in a business or farm?	a job, business, tarm, raising crops and/or livestock, or making things to sell or trade?	these programs? Mark <u>one</u> box for <u>each</u> category.
~ P4	1 Yes ~ SKIP to 21c	1 Now working	
	√2 No - Continue with 21b	2 1980	Yes No
	b. In 1979, did this person raise crops and/or livestock, or spend any time making things to sell or trade such as rugs, pottery, or jewelry?	3 🔲 1979 Continue with 25	a. Medicaid or Medicare
	₃ ☐ Yes - Continue with 21c	s □ 1975 to 1977	b. Food stamps
	4 No - SKIP to 23	6 ☐ 1974 or earlier } SKIP to 28	5 6
	c. Did this person earn any cash income from this work	7 Never worked	c. Federal Housing Assistance
	in 1979?	25-27. Current or most recent job activity  Describe clearly this person's chief job activity or business last week.	d. Women, Infants, and Children (WIC)
	s ☐ Yes 6 ☐ No	II this person had more than one job, describe tha one at which this person worked the	e. Social Security (green-colored check)
	d. How many weeks did this person work in 1979?	most hours.  If this person had no job or business last week,	f. Supplemental Security-U.S. Government (gold-colored check)
	Include work at a paid job or business as well as time spent raising crops and/or liveslock or making things to sell or trade.	give information for last job or business since 1975.	5 6
	1 🗀 1 to 13 weeks	25a. For whom did this person work? It now on active duty in the Armed Forces, print "AF" and skip to question 28.	g. Aid to Families with Dependent Children (AFDC)
	2 14 to 26 weeks Continue with 22	10 400311017 26.	h. Bureau ot Indian Affairs general
	9 27 to 39 weeks	(Name of company, business, organization,	assistance
	s ☐ 50 to 52 weeks - SKIP to 24	or other employer)	i. Other assistance or welfare
		b. What kind of business or industry was this?  Describe the activity where employed.	payments
	22. What was the main reason this person worked fewer than 50 weeks in 1979? Read each category and	become the delivity where employee.	29. What was this person's total income in 1979?
	mark <u>one</u> box.	(For example: High school, tribal planning office,	Print the dollar amount in the space provided. If total income was a loss, mark the "Loss"
	n Personal reasons (For example: family or home responsibilities, including pregnancy; school; health; retirement or old age)	hospital, building construction, rug weaving, sheep ranch)	box and enter dollar amount. Il total amount is zero, mark the "None" box. If exact amount is not known, give best estimate.
	2 Seasonal job completed	c. Where was this business or industry located?	Include any income from (before deductions for
	₃ ☐ Slack work or business conditions	1 Con reservation	taxes, bonds, dues, or other items):  • Wages or salaries
	4 Temporary nonseasonal job completed	2 Off reservation	Own farm or nonfarm business, partnership
	s Unsatisfactory work arrangements (hours,	26. What kind of work or craft was this person doing?	or professional practice ( <u>net</u> after expenses)
	pay, etc.)		Interest, dividends, or net rental income     Social Security of Reliand Retirement
	6 Could not find work	(For example: High school English teacher, typist, practical nurse, carpenter, rug weaver, sheepherder)	Social Security or Railroad Retirement     Public assistance or welfare
	7 🖂 Bad weather conditions	proceed marse, carpenner, ray weaver, sicepholocity	Unemployment compensation, veterans'
	e Did not want work		payments, pensions, alimony or child support, or any other money income received regularly
	9 Other	27. Was this person — Read each category and mark one box.	Exclude lump-sum amounts such as gains from the
	23. Of the weeks not worked in 1979, how many weeks was this person actively looking for work or on layoff from a job?	1 A tribal government employee 2 A tribal or Indian-owned business employee	sale of property.
	1 None	з 🗌 А Bureau of Indian Affairs or Indian Health	
	2 I to 4 weeks	Service employee	\$00 (Dollars only)
	₃ ☐ 5 to 10 weeks	An other Federal government agency employee  A State or local government employee	x □ Loss
	□ 11 to 14 weeks	6 An employee of private company, business	
	5 <u>15 to 26 weeks</u>	or individual	OR
	6 <u>27 to 39 weeks</u>	7 <u>Self-employed</u> in own business, professional practice or farm	
	7 ☐ 40 or more weeks	e ─ Working without pay in family business or farm	o None
	DO NOT ASK TRANSCRIBE FROM D-1 A	AFTER LEAVING HOUSEHOLD	
	2. 3.	4.	5. 6.
	1 Person in column 1 1 Ma If relative of person in column 1: 2 Fe	Black or Negro 10 Hawalian	a. Age at last c. Year of birth 1 Now married 2 Widowed
150	2 Husband/wife   5 Father/mother   0 No	3 Japanese   11 Guamaniae	1 1 1 3 Divorced
~ PS	3 Sen/daughter 6 Other relative 4 Brother/sister	5 Filipino 13 Eakimo	4 Separated
	If not related to person in column 1:	6 Korean 14 Aleut 7 Vietnamese 15 Other	birth 2 Apr.—June 0 Re entry
	7 Redmir, boarder 1.10 Other conrelative.	B Indian (Amera) O I life entry	A 2 Debugget
	9 Paid ampleyen O Be entry	Print tribe	OCT. Doc. OFFICE USE
H	the transfer of the second of		
	FORM 0-15 (6-15-79)	Page 3	

Name of Person 7  Last name First name Middle initial	15a. Did this person live in this house (or dwelling) 1 year ago (April 1, 1979)?  1  Born April 1979 or later — SKIP to 17 2 Yes, this house — SKIP to 16	18a. During the last 12 months, where did this person usually seek health care? Reed eech category at mark one box for the source used most often.  1 indian Health Service (IHS)
10. What is this person's tribe? Report tribe in which	No, different house - Continue with 15b	clinic, health center or hospital
enrolled. It not enrolled, report principal tribe.	h What did this area 12 h area (a cit 1 1070)	Tribal clinic or hospital
	b. Where did this person live 1 year ago (April 1, 1979)?	3 ☐ Private physician or dentist Continu with 18
	s On another reservation	4 Government (Federal, State, county, or city) clinic or hospital
(Name of tribe)	S On another reservation	
o None – SKIP to 12a	(2)	s Other
	(a)(Reservation)	6 □ Did not seek health care - SKIP to 20
11. Is this person enrolled in (tribe entered in question 10) tribe?	(b)(County)	
1 CYes	(5)	
2 <u>No</u>	(C)(Stete)	b. During the last 12 months, how long did it usually this person to get one way from home to the place (marked in 18a) where health care was received?
12a. Since February 1, 1960, has this person attended regular school or college at any time? Count nursery		
school, kindergerten, elementary school, and schooling which leads to a high school diploma	6 ☐ Off reservation —	1 Less than 30 minutes
or college degree.	(4)	2 30 minutes to less than 1 hour
3 Tyes - Continue with 12b	(City, town, village, etc.)	- 3 □ 1 hour to less than 2 hours
₄ ☐ No, has not attended — SKIP to 13		4 2 or more hours
	(b)(County)	
b. What kind of school or college has this person been	1 "	
attending? Read each category and mark one box.	(c)(State, foreign country, Puerto Rico, Guam, etc.	
s Tribal school, tribal college	(State, foreign country, Puerto Rico, Guain, etc.	/
в 🗀 Bureau of Indian Affairs day school		19. During the last 12 months, how was this person's health care paid for? Read each category and ma
7 🖂 Bureau of Indian Alfairs boarding school	16. When did this person last move onto this reservation?  For persons living in Oklahoma outside the	one box for the one used most often.
e 🗀 Public school	Osage Reservation, mark box 8 and do <u>not</u>	ı 🖂 Received Irom Indian Health Service or tribe at
9 ┌─ Private school	ask this question.	no cost
	2 1975 to 1978	2 Medicare
13. What is the highest grade (or year) of regular school	3 ☐ 1970 to 1974	з <u>П</u> Medicaid
this person has ever attended?	4 1960 to 1969	4 Received from other governmental source at
Mark one box for highest grade attended.  If now attending school, mark grade person	s 1950 to 1959	no cost
is in.	e ☐ 1949 or earlier	s Received from private source at no cost
It high school was linished by equivalancy test (GED), mark "12."	7 Always lived on this reservation	6 Private health insurance (For example: Aetna, Blue Cross, Health Maintenance
Nursey och!	a Now living in Oklahoma outside the Osage	Organization, Kaiser or other health plan)
N Nursery school	Reservation	7 Paid for by person or other member of family
K Kindergarten	17. Since March 1, 1980, did this person see and/or	a Other
Elementary through high school (grade or year)	receive medical or dental services from any of the following? Mark one box tor each category.	
1 2 3 4 5 6 7 8 9 10 11 12		-
	Yes N	4
College (academic year)	a. Doctor (includes specialists)	-
1st 2nd 3rd 4th 5th or more	b. Centist 5 6	
o Never attended school – SKIP to 15	c. Nurse	20. When was this person born?
	d. Pharmacist	Born before April 1965 - Please go on with questions 21 through 29
14. Did this person finish the highest grade (or year) attended? Mark one box.	e. Community Health Representative (CHR)	2 Born April 1965 or later - Turn to next page for next person
1 Now attending this grade (or year)	f. Midwife	
2 Finished this grade (or year)	g. Physician Assistant or Medic	-
э 🔲 Did not finish this grade (or year)	h. Community Health Aide	P 94
	i. Other.	

21a. Last year (1979), did this person work, even for a few		8. In 1979, did this person receive benefits from any of
days, at a paid job or in a business or farm?	a job, business, farm, raising crops and/or llvestock, or making things to sell or trade?	these programs? Mark one box for each category.
1 Yes - SKIP 10 21c	1 Now working	
T2 No − Continue with 21b	2 🗀 1980	Yes No
b. In 1979, did this person raise crops and/or livestock, or spend any time making things to sell or trade such as rugs, pottery, or jewelry?	3 1979	a. Medicaid or Medicare
3 Yes - Continue with 21c	s □ 1975 to 1977	b. Food stamps
4 No - SKIP to 23	6 ☐ 1974 or earlier 7 ☐ Never worked  SKIP to 28	c. Federal Housing Assistance
c. Did this person earn any cash income from this work	25 – 27. Current or most recent job activity	7 8
in 1979?	Describe clearly this person's chief job activity	d. Women, Infants, and Children (WIC)
5 TYes	or business last week.  If this person had more than one job, describe	e. Social Security (green-colored check)
6 No	the one at which this person worked the most hours.	f. Supplemental Security-U.S.
d. How many weeks did this person work in 1979?  Include work at a paid job or business as well as time spent raising crops and/or livestock or making things to sell or trade.	If this person had no job or business last week, give information for last job or business since 1975.	Government (gold-colored check) 5 G
1	25a. For whom did this person work? If now on active duty in the Armed Forces, print "AF" and skip to question 28.	g. Aid to Families with Dependent Children (AFDC)
3 27 to 39 weeks Continue with 22		h. Bureau of Indian Affairs general
4 1 40 to 49 weeks	(Name of company, business, organization, or other employer)	1 2
s - 50 to 52 weeks - SKIP to 24	b. What kind of business or industry was this?	i. Other assistance or welfare payments
22. What was the main reason this person worked fewer than 50 weeks in 1979? Read each category and	Describe the activity where employed.	9. What was this person's total income in 1979?
mark one box.	(For example: High school, tribal planning office,	Print the dollar amount in the space provided. If total income was a loss, mark the ''Loss''
<ul> <li>Personal reasons (For example: family or home responsibilities, including pregnancy; school; health; retirement or old age)</li> </ul>	hospital, building construction, rug weaving, sheep ranch)	box and enter dollar amount. If total amount is zero, mark the "None" box. If exact amount is not known, give best estimate.
2 ◯ Seasonal job completed	c. Where was this business or industry located?	Include any income from (before deductions for taxes, bonds, dues, or other items):
з _ Slack work or business conditions	1 On reservation	Wages or salaries
▲ Temporary nonseasonal job completed	2 ☐ Off reservation	Own farm or nonfarm business, partnership
s Unsatisfactory work arrangements (hours, pay, etc.)	26. What kind of work or craft was this person doing?	or professional practice (net after expenses)  • Interest, dividends, or net rental income
© Could not find work		Social Security or Railroad Retirement
7 Bad weather conditions	(For example: High school English teacher, typist, practical nurse, cerpenter, rug weaver, sheepherder)	Public assistance or welfare
a Did not want work		<ul> <li>Unemployment compensation, veterans' payments, pensions, alimony or child support,</li> </ul>
o Cther	27. Was this person - Read each category and mark	or any other money income received regularly
23. Of the weeks not worked in 1979, how many weeks	one box.  □ A tribal government employee	Exclude lump-sum amounts such as gains from the sale of property.
was this person actively looking for work or on layoff from a job?	2 A tribal or Indian-owned business employee	
1 None	a A Bureau of Indian Affairs or Indian Health	e ::An:
2 1 lo 4 weeks	Service employee  4  An other Federal government agency employee	(Dollars only)
₃ ☐ 5 to 10 weeks	s A State or local government employee	x 🗀 Loss
4 11 to 14 weeks	6 An employee of private company, business	
s 15 to 26 weeks	or individual .	OR
← 27 to 39 weeks	7 <u>Self-employed</u> in own business, professional practice or farm	o C None
7 🔲 40 or more weeks	e ◯ Working without pay in family business or farm	o 🦳 None
DO NOT ASK TRANSCRIBE FROM D-1	FTER LEAVING HOUSEHOLD	
2. 1 Person in column 1	4. 1 White 9 Asian Indian	6.
If relative of person in column 1:	male 2 Black or Negro 10 Hawailan	Age at last c. Year of birth 1 Now married birthday 2 Widowed
2 Husband/wife i 5 Father/mother	1 3   Japanese   11   Guamaniae	3 Divorced
3 Son/daughter 6 Other relative	5 Filipino 13 Eskimo	4 Separated
If not related to person is column 1:	6 Koream 14 Aleut h.	Menth of 1 Jan.—Mar. 5 Mever married birth 2 Acr.—June 0 No entry
7   Reemer, bearder   10   Other   10   Partner, resembles	8 indiad (Amer.) o No entry	2 Inly agent.
9 Paid employee 0 Ne entry	Print tribe	4 Oct.—Dec. OFFICE USE
The state of the s	The state of the s	E o □ No estry
FORM D-15 (6-18-79)	Page 15	

### Report Form D-80 AS, 1980 Census of Population and Housing, American Samoa

The form D-80 questionnaires for American Samoa, the Virgin Islands of the United States, Guam, the Northern Marianas, and the Trust Territory of the Pacific Islands were essentially identical in layout, format, and content. The form D-80 AS (American Samoa) is reproduced as representative of the questionnaires used in the outlying areas.

**BUREAU OF THE CENSUS** 



WASHINGTON, D.C. 20233

# 1980 Census of Population and Housing AMERICAN SAMOA

TO THE ENUMERATOR:

- 1. Fill section A on this page.
- 2. Fill pages 1 through 5.
- 3. Fill a pair of facing pages for each person listed on pages 2 and 3.
- 4. Complete page 20.

Secti	ion A
Location or address	
D.O.	A1. ED number
A4, Block number	A6. Housing unit serial number

### Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

Please continue -

Form D-80 AS

Form Approved: O.M.B. No. 41-S79065

### Report Form D-80 AS, 1980 Census of Population and Housing, American Samoa—Con.

Page 1

### **Question 1**

#### List in Question 1

- Family members living here, including babies still in the hospital.
- · Relatives living here.
- · Lodgers or boarders living here.
- · Other persons living here.
- College students who stay here while attending college, even if their parents live elsewhere.
- Persons who usually live here but are temporarily away (including children in boarding school below the college level).
- Persons with a home elsewhere but who stay here most of the week while working.

#### Do Not List in Question 1

- · Any person away from here in the Armed Forces.
- Any college student who stays somewhere else while attending college.
- Any person who usually stays somewhere else most of the week while working there.
- Any person away from here in an institution such as a home for the aged or mental hospital.
- Any person staying or visiting here who has a usual home elsewhere.

here on Tuesday, April 1, 1980, or who was staying or visiting here and had no other ho				
			- 40	

1. What is the name of each person who was living

#### Note

If everyone here is staying only temporarily and has a usual home elsewhere, please mark this box  $\hfill\Box$  .

Then please:

- ask the double underlined questions on pages 3 through 5 only,
- enter the address of this household's usual home on page 20.

Please continue

## Report Form D-80 AS, 1980 Census of Population and Housing, American Samoa—Con.

lank see Abe	for ANSWERS		ON in column	i 1		in column 2		ON in column 3
lere ere the	TOT ANSWERS	Last name			Last name		Last name	
<b>↓</b>	Please fill one column for each person listed in Question 1.	First name		Middle initial	First name	Middle initial	First name	Middl
in column one Fill one circle. If "Other rela	tive" of person in column 1, ntionship, such as wife's mother,	household r members) is is owned or such person	this column with nember (or one n whose name th rented. If there n, start in this col ult household m	of the ne home n is no lumn	If relative of person in  Husband/wife  Son/daughter  Brother/sister  If not related to person  Roomer, boarder  Roommate  Paid employee	<ul><li>Father/mother</li><li>Other relative</li></ul>	If relative of person Husband/w Son/daught Brother/sist If not related to p Roomer, boar Roommate Paid employ	ife   © Father/mother er   © Other relative ter   erson in column 1: order   ^ Other nonrelat
Sex. Ask if no Fill one circle	ot evident by name or by observation.	O Male		Female	O Male	○ Female	○ Male	Female
. What is	's ethnicity?	Ethnicity:			Ethnicity:		Ethnicity:	
			rolinian, Chamorro Marshallese, Palau		(For example: Carolini Japanese, Korean, Mars Tongan, etc.)	an, Chamorro, Filipino, hallese, Palauan, Samoan,		rolinian, Chamorro, Filipin Marshallese, Palauan, Sam
of birth?  a. Print age at the b. Print month	and fill one circle. the spaces, and fill one circle	a. Age at last birthday  b. Month of birth  Jan—Feb. Apr.—May. July—Aug. Oct.—Nov.	9 0 1 2 3 4 5 -Mar. 6 -June 7 -Sept. 8	0000	a. Age at last birthday / 1 b. Month of birth  Jan—Feb.—Mar. Apr.—May—Jun July—Aug.—Sep. Oct.—Nov.—Dec	9 0 1 0 1 0 2 0 3 0 3 0 4 0 4 0 5 0 5 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6	a. Ago at last birthday  b. Month of birth  Jan-Feb. AprMay- July-Aug. OctNov	-June 7 ○ 7 -Sept. 8 ○ 8
Fill one circle	answer categories) —	O Now marrie Consensua Widowed	lly married 🔘 S	Divorced Separated Never married	Now married     Consensually ma     Widowed	O Divorced O Separated O Never married	Now marrie     Consensual     Widowed	
regular sche Fill one circle kindergarten,	nery 1, 1980, hes attended tool or college at any time? . Count Head Start, pre-kindergarten, elementary school, and schooling to high school diploma or college	O Yes, public	school, public cole, church-related	llege	No, has not atter Yes, public scho Yes, private, chu Yes, private, not	rch-related	O Yes, public	attended since February school, public college c, church-related , not church-related
. What is the	highest grade (or year) of ool has ever attended?	Highest grade a		Kindergarten	Highest grade attend		Highest grade at	
Fill one circle			ough high school			nigh school (grade or year)		ugh high school (grade or
if now attendi	ing school, mark grade person is in. was finished by equivalency test	Callege	6 7 8 9 10 0 0 0 0 0 1 2 3 4 5 6	<ul><li> 0</li><li>7 8 ar mare</li></ul>	1 2 3 4 5 6 7	0 0 0 0 0 0 3 4 5 6 7 8 ar more	College	6 7 8 9 10 11 12 0 0 0 0 0 0 0 1 2 3 4 5 6 7 8 or
			nded school — Sk			school — Skip question 9		ded school — Skip quest.
Did fini attandad?	ish the highest grade (or year)	O Now attend	ling this grade (or is grade (or year) sh this grade (or	r year)	Now attending the Finished this graph Did not finish this	nis grade (or year) de (or year)	O Now attend	ing this grade (or year) s grade (or year) sh this grade (or year)
		FOR CENSUS USE ONLY		N 00	FOR CENSUS A.	0 i 0 N 00	FOR CENSUS USE ONLY	A. OION
		2.	3 4 <b>5</b> 5 6	789	2. 01234 01234	56789	2. Ø I 2 3	3 4 📕 5 6 ? 8 9 3 4
		4. Ø I 2 Ø I 2 Ø I 2	3 4 5 6	789 789 789	4. 01234 01234 01234	56789 56789 56789	0 1 2 3 0 1 2 3	34 56789

## Report Form D-80 AS, 1980 Census of Population and Housing, American Samoa—Con.

	NOW PLEASE ANSW.	ER QUESTIONS H1—H37 Page 3
PERSON in column 7 Last name		HOUSEHOLD
First name Middle initial  If relative of person in column 1:  Husband/wife   Father/mother Son/daughter   Other relative   Brother/sister	H1. Did you leave anyone out of the list of persons living here because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?  Yes — Determine whether to add person.  No	H9. About when was this building originally built?
If not related to person in column 1:   Roomer, boarder   Other nonrelative   Roommate   Paid employee     Male   Female	H2. Did you list anyone in the list of persons living here who is away from home now — for example, on a vacation or in a hospital?  Yes — Determine whether person should remain listed.  No  H3. Is anyone visiting here who is not already listed?  Yes — Determine whether to add person.	Do not count bathrooms, porches, balconies, or halls.  1 room
Ethnicity:  (For example: Carolinian, Chamorro, Filipino, Japanese, Korean, Marshallese, Palauan, Samoan, Tongan, etc.)	No  H4. Do you enter your living quarters —  Directly from the outside or through a common or public hall? Through someone else's living quarters?  H5. When did (Insert name of person in column one) move into	H11. How many bedrooms do you have? Count rooms used mainly for sleeping even if used also for other purposes.  O No bedroom O 2 bedrooms O 4 bedrooms O 1 bedroom O 3 bedrooms O 5 or more bedrooms
b. Month of birth   2 0 2 0 3 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0	this house (or apartment )?	H12. Do you get water from —  A public system?  An individual well?  A catchment, tanks, or drums?  A public standpipe or street hydrant?  Some other source (spring, river, creek, etc.)?
4	H6. Which best describes this building?  (Include all apartments, flats, etc., even if vacant).  A one-family house detached from any other house  A one-family house attached to one or more houses  A building for 2 families  A building for 3 or 4 families  A building for 5 to 9 families	H13. Is there hot and cold piped water in this building?  Yes, hot and cold piped water in this building What type of energy does your water heater (tank type) use most?  Electricity Solar energy  G
O Now married O Divorced Consensually married Separated Widowed Never married	<ul> <li>A building for 10 to 19 families</li> <li>A building for 20 to 49 families</li> <li>A building for 50 or more families</li> <li>A mobile home or trailer, tent, van, etc.</li> </ul>	O No, only cold piped water in this building O No piped water in this building
No, has not attended since February 1 Yes, public school, public college Yes, private, church-related Yes, private, not church-related	Boat  HT. What is the main type of material used for the outside walls of this building? Read each category and fill one circle.  Poured concrete  Thatch	Yes No  H15. Does this building have a flush toilet?  Yes, inside this building
Highest grade attended:  • Pre-kindergarten  Elementary through high school (grade or year)	Concrete blocks Other Metal No walls Wood  HB. What is the main type of material used for the roof of this	<ul> <li>Yes, outside this building</li> <li>No → If "No;" what type of toilet?</li> <li>Outhouse or privy</li> <li>Other or none</li> </ul>
1 2 3 4 5 6 7 8 9 10 11 12  O O O O O O O O O O  College 1 2 3 4 5 6 7 8 or more (academic year) O O O O O O	building? Read each category and fill one circle.  Poured concrete  Metal  Wood	H16. Is this building connected to a public sewer?  Yes, connected to public sewer  No, connected to septic tank or cesspool  No, use other means
Newer attended school — Skip question 9      Now attending this grade (or year)     Finished this grade (or year)     Did not finish this grade (or year)	A4. Block number B. Type of unit or quarters Occupied O First form Season	D. Months vacant  Less than 1 month  Lund use  1 up to 2 months  2 up to 6 months
FOR CENSUS USE ONLY  A. O I O N O O  2. Ø 1 2 3 4	Usual home    Continuation   Continuation   Continuation	status  t  o 1 year up to 2 years e only  or sold, not occupied  E. Indicators
4. 01234 56789 01234 56789 01234 56789	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	r occasional use
•		

## Report Form D-80 AS, 1980 Census of Population and Housing, American Samoa—Con.

Yes No  What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?  Do you have air-conditioning?  Yes, a central air-conditioning system Yes, 1 individual room unit No  Less than \$10,000	117. Are your main cooking facilities inside or outside this building?	H27. Ask of persons who rent their living quarters —	CENSUS
Outside this building   Teachines are thereof	O Inside this building )		USE
Electric stoke   Gas stoke   Sizo as 5279   Sizo bit 5179   Sizo bit 5199	Outside this building what type or cooking		H20a.
Section store   Gas store   Say Store	facilities are these?		000
No cooking facilities   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900   1900	<i>*</i>		
No cooking facilities	○ Electric stove ○ Gas stove		
132. Is there a reinferentor in your living quarters?  135. Is there a reinferentor in your living quarters?  136. No contains the property of	O Kerosene stove O Other (fireplace, hotplate, etc.)		
113. Is there a refrigerator in your living quarters?  Mechanical Code of the control of the con			
13.1 let there a enfrigerator in your living quarter?   Sino is 5100   Sino is 1139   Sino is 1299   Sino is 1399   Sino is	No cooking facilities	O \$90 to \$99 O \$225 to \$249	
Section   Sect	110. Le thorse a refulgarator in varia titular aventara?	_	
13. Does your living quarters have electric power?   13. Does you living quarters have electric power?   13. Does you living quarters?   13. Does you living quarters?   13. Does you have a television set?   13. Does you have a television set the first power with a commercial establishment or more and yet yet. I individual room unit   13. Does you have a television set?   13. Does you have a television rank conditioning yetem   13. Does you have a television rank conditioning yetem   13. Does you have a television rank conditioning yetem   13. Does you have a television rank conditioning yetem   13. Does you have a television rank conditioning yetem   13. Does you have a television rank conditioning yetem   13. Does you have a television rank conditioning yetem   13. Does you have a television rank conditioning yetem   13. Does you have a television rank conditioning yetem   13. Does you have a television rank conditioning yetem   13. Does you have a television rank conditioning yetem   13. Does you have a television rank conditioning yetem   13. Does you have a television rank conditioning yetem   13. Does you have a television rank conditioning yetem   13. Does you have a television rank conditioning yetem   13. Does you have a television rank conditioning yetem   13. Does you have a television rank conditioning yetem   13. Does you have a television rank conditioning yetem   13. Does you have a television rank conditioning yetem   13. Does you have a television rank conditioning yetem   13. Does you have a television rank conditioning yetem   13. Does you have a television rank conditioning			-
135   Does your living quarters have electric power?	O Mechanical		
13. Does your fixing quarters have electric power?  15. Does your fixing quarters have electric power?  16. No  17. Yes is the electricity supplied by  17. A private generator? • What is the source of energy?  18. Electricity  18. If this is one-femily house for condominium unit) which is rewarded or he load.  18. If this is one-femily house for condominium unit) which is rewarded or he load.  18. Included in rent or no charge on included in rent or no charg	O Ice		
13. Does your living quarters have electric power?   Sis the electricity supplied by   Yes - is she electricity supplied by   A public utility   A private generator? - What is the source of energy?   A private generator? - What is the source of energy?   A private generator? - What is the source of energy?   A private generator? - What is the source of energy?   A private generator? - What is the source of energy?   A private generator? - What is the source of energy?   A private generator? - What is the sale used of the find of the private of the food of the find of the find of the private of the food of the find of the	O No refrigerator	O \$130 to \$139 O \$350 to \$399	1 2 3 9
13b. Does your living quarters have electric power?  O NO  No  No  A public utility?  A private generator? — What is the source of energy?  A private generator? — What is the source of energy?  A private generator? — What is the source of energy?  O Diestel oil o Solar Other  20. What are the coets of utilities and fuels for your living quarters?  E. Electricity  S		O \$140 to \$149 . O \$400 to \$499	H20b.
128. If this is a one-family house — is any part of the property used as a commercial establishment or medical office?   A public utility?	19. Does your living quarters have electric power?	○ \$150 to \$159 ○ \$50  more	
A private generator? → What is the source of energy?  A private generator? → What is the source of energy?  A private generator? → What is the source of energy?  Other  20. What are the costs of utilities and fuels for your living quarters?  a. Electricity  120. What are the costs of utilities and fuels for your living quarters?  a. Electricity  121. Do you have a telephone in your living quarters?  Yesp on Many and the property.  C. Oil, gas, kerosens, wood, etc.  S			
as a commercial establishment or medical office?  A public utility  Discate oil Solar Other Othe	∪ N0	H28 If this is a one-family house _ le any part of the property year	
O A public utility?  A private generalor? What is the source of energy?  Diesel oil Solar Other  What is the volume of energy? Other  Diesel oil Solar Other  Diesel oil Solar Other  What is the volume in the costs of utilities and fuels for your living quarters?  Electricity  Diesel oil Solar OF THE PACIFIC ISLANDS ONLY.  H29s. If this is a on-called in the house, what is, how much do you think it would sell for if it were for sale? Do not include the value of the land.  Do not included in rent or no charge  Included in r	O Yes → is the electricity supplied by		
A private generator? What is this source of energy?  O Diese toll Solar O Diese  ##299. If this is a one-family house (or condominium unit) which is owned or is being bought in the value of this band, being bought in the value of the load, be not ask this question if this is a house with a commercial establishment or medical office on the property.  **Description**			
O Diesel oil Solar Other  ASK M29a IN AMERICAN SAMOA, COMMONWEALTH OF THE TRUST TERRITORY OF THE PACIFIC ISLANDS ONLY.  What are the coets of utilities and fuels for your living quarters?  a. Electricity  1	A public utility?	O Yes O No	9- 9- 9-
Dissel oil   Solar   Other	○ A private generator? → What is the source of energy?	ASK HOOLIN AMERICAN SANOA COMMONISCH THOSE THE	
Solar   Other	○ Diasal oil		
Auroge monthly cost   Company   Cost   Cos			7 7 7
120. What are the costs of utilities and fuels for your living quarters?		OF THE PACIFIC ISLANDS ONLY.	888
20. What are the costs of utilities and fuels for your living quarters?  a. Electricity  b. Water  c. On OR  Included in rent or no charge  b. Water  c. Oil, gas, kerosens, wood, etc.  c. Oil	O Other	H29s. If this is a one-family house (or condominium unit) which is owned or	9 9 9
## 1	00 100 - 4 4 4 - 100 4 - 100 4 - 100 100 100 100		1100
a. Electricity  \$	20. What are the costs of utilities and fuels for your living quarters?		H20c.
1   1   1   2   1   1   3   2   2   2   2   2   3   3   3   3	a. Electricity		0000
S			IIIII
Section   Sect			5 5 5 5
Cless than \$1,000   \$22,099   \$25,000 to \$22,499   \$4,000 to \$22,499   \$5,555   \$5,555   \$5,500 to \$2,999   \$2,000 to \$2,099   \$2,000 to \$2,000 to \$2,099   \$2,000 to \$2	O Flectricity not used	or medical office on the property.	3 3 3 3
b. Water \$	Average monthly cost	O Less than \$1,000 O \$20,000 to \$22,499	
\$ .00 OR Included in rent or no charge \$ .25,000 to \$27,499	h Water		
\$ 33,000 to \$3,999			
A verage monthly cost  c. Oil, gas, kerosens, wood, etc.  \$			
S. Oil, gas, kerosens, wood, etc.  \$	\$		
c. Oil, gas, kerosens, wood, etc.  \$	Average monthly cost		
\$   Included in rent or no charge   \$   \$35,000 to \$37,499   \$35,000 to \$34,499   \$35,000 to		\$3,000 to \$3,333	3333
\$ - 00 OR	C. Ull, gas, Kerosena, wood, etc.	0 \$6,000 to \$7,400 0 \$35,000 to \$37,400	W.
1   1   1   1   1   1   1   1   1   1			000
12.1. Do you have a telephone in your living quarters?			
22. Do you have a telephone in your living quarters?	Yearly cost		
Yes			
22. Do you have a radio?	21. Do you have a telephone in your living quarters?		
ASK H29b IN GUAM ONLY   Company on the property   Company on the pro	O Yes O No	○ \$17,500 to \$19,999 ○ \$50,000 or more	
ASK H29b IN CIJAM ONLY  Yes ○ No    H29b			
23. Do you have a television set?  Yes No  What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?  24. Do you have air-conditioning?  Yes, a central air-conditioning system Yes, 1 individual room unit No  Less than \$10,000 \$50,000 to \$44,999 \$15,000 to \$14,999 \$55,000 to \$59,999 \$15,000 to \$14,999 \$55,000 to \$59,999 \$17,500 to \$17,999 \$60,000 to \$44,999 \$17,500 to \$19,999 \$55,000 to \$74,999 \$22,500 to \$22,499 \$70,000 to \$74,999 \$22,500 to \$22,499 \$70,000 to \$74,999 \$27,500 to \$29,999 \$90,000 to \$124,999 \$27,500 to \$29,999 \$90,000 to \$124,999 \$27,500 to \$29,999 \$125,000 to \$149,999 \$35,000 to \$34,999 \$150,000 to \$149,999 \$35,000 to \$34,999 \$150,000 to \$149,999 \$35,000 to \$44,999 \$150,000 to \$149,999	22. Do you have a radio?	ASK H29b IN GUAM ONLY	
23. Do you have a television set?  Yes No  What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?  Yes, a central air-conditioning system Yes, 1 individual room unit Yes, 2 or more individual room units No  1. I I I I I I I I I I I I I I I I I I I	O Yes O No		
23. Do you have a television set?  Yes No  What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?  24. Do you have air-conditioning?  Yes, a central air-conditioning system Yes, 1 individual room unit Yes, 2 or more individual room units No  Less than \$10,000 \$50,000 to \$54,999 \$10,000 to \$14,999 \$55,000 to \$59,999 \$11,500 to \$17,499 \$60,000 to \$64,999 \$17,500 to \$19,999 \$55,000 to \$69,999 \$17,500 to \$19,999 \$55,000 to \$69,999 \$17,500 to \$22,499 \$70,000 to \$74,999 \$22,500 to \$22,499 \$70,000 to \$74,999 \$22,500 to \$22,499 \$70,000 to \$74,999 \$22,500 to \$24,999 \$70,000 to \$74,999 \$22,500 to \$27,499 \$80,000 to \$89,999 \$33,000 to \$34,999 \$100,000 to \$124,999 \$33,000 to \$34,999 \$100,000 to \$124,999 \$33,000 to \$34,999 \$125,000 to \$149,999 \$345,000 to \$44,999 \$150,000 to \$199,999 \$45,000 to \$44,999 \$150,000 to \$199,999 \$345,000 to \$49,999 \$200,000 or \$20,000 or \$20,000 or \$20,000 to \$20,000 to \$10,000 to \$10,0		H29b. If this is a one-family house (or condominium unit) which is owned	
22. Do you have a felevision serr         Yes         No           24. Do you have air-conditioning?         What is the value of this property, that is, how much do you think this property (house and iot or condominium unit) would sell for if it were for sale?         X.           25. Yes, a central air-conditioning system         On not ask this question if this is a house with a commercial establishment or medical office on the property         1 I I I I I I I I I I I I I I I I I I I	22 De veu heue e television cet?		5 9 9
this property (house and lot or condominium unit) would sell for if it were for sale?  Yes, a central air-conditioning system Yes, 1 individual room unit No  Less than \$10,000  \$50,000 to \$54,999 \$10,000 to \$14,999 \$55,000 to \$59,999 \$15,000 to \$17,499 \$60,000 to \$64,999 \$17,500 to \$17,499 \$60,000 to \$64,999 \$17,500 to \$17,500 to \$19,999 \$60,000 to \$74,999 \$10,000 to \$22,499 \$70,000 to \$74,999 \$22,500 to \$22,499 \$75,000 to \$79,999 \$25,000 to \$22,499 \$75,000 to \$79,999 \$25,000 to \$22,499 \$75,000 to \$79,999 \$26,000 to \$22,499 \$75,000 to \$79,999 \$27,500 to \$29,999 \$80,000 to \$89,999 \$30,000 to \$34,999 \$100,000 to \$124,999 \$30,000 to \$34,999 \$125,000 to \$124,999 \$30,000 to \$34,999 \$125,000 to \$199,999 \$35,000 to \$39,999 \$125,000 to \$199,999 \$35,000 to \$39,999 \$125,000 to \$199,999 \$35,000 to \$44,999 \$150,000 to \$199,999			V
24. Do you have air-conditioning?  ○ Yes, a central air-conditioning system ○ Yes, 1 individual room unit ○ Yes, 2 or more individual room units ○ No  25. How many automobiles, vans or light trucks are kept at home for use by members of your household? (Include company-owned vehicles kept at home.) ○ None ○ 1 automobile or truck or van, etc. ○ 2 automobiles or trucks or vans, etc. ○ 3 or more automobiles or trucks or vans, etc. ○ 2 automobiles or trucks or vans, etc. ○ 3 or more automobiles or trucks or vans, etc. ○ 2 feet of sale?  Do not ask this question if this is a house with a commercial establishment or medical office on the property  □ Less than \$10,000 □ \$50,000 to \$54,999 □ \$15,000 to \$17,499 □ \$15,000 to \$17,499 □ \$17,500 to \$19,999 □ \$17,500 to \$19,999 □ \$17,500 to \$22,499 □ \$77,500 to \$24,999 □ \$20,000 to \$24,999 □ \$20,000 to \$24,999 □ \$30,000 to \$89,999 □ \$30,000 to \$89,999 □ \$30,000 to \$34,999 □ \$150,000 to \$149,999 □ \$35,000 to \$34,999 □ \$150,000 to \$149,999 □ \$35,000 to \$44,999 □ \$200,000 or more □ \$20,000 to \$44,999 □ \$20,000 to \$44,999 □ \$35,000 to \$34,999 □	○ Yes ○ No		
28. Do you have air-conditioning?       Yes, a central air-conditioning system       Do not ask this question if this is a house with a commercial establishment or medical office on the property       3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			
○ Yes, a central air-conditioning system         Do not ask this question if this is a house with a commercial establishment or medical office on the property         3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	24. Do you have air-conditioning?	were for sale?	
Yes, 1 individual room unit       Yes, 2 or more individual room units         No       Less than \$10,000       \$50,000 to \$54,999         25. How many automobiles, vans or light trucks are kept at home for use by members of your household? (Include company-owned vehicles kept at home.)       \$15,000 to \$17,499       \$65,000 to \$64,999         None       \$20,000 to \$22,499       \$70,000 to \$74,999         \$22,500 to \$24,999       \$75,000 to \$79,999         \$25,000 to \$27,499       \$80,000 to \$89,999         \$27,500 to \$29,999       \$90,000 to \$99,999         \$30,000 to \$34,999       \$100,000 to \$144,999         \$35,000 to \$39,999       \$150,000 to \$144,999         \$45,000 to \$44,999       \$150,000 to \$19,999		Do not ask this question if this is a house with a commercial establishment	S S S
Yes, 2 or more individual room units  No  Less than \$10,000  \$10,000 to \$4,999  \$55,000 to \$54,999  \$15,000 to \$17,499  \$55,000 to \$64,999  \$15,000 to \$19,999  \$17,500 to \$19,999  \$17,500 to \$19,999  \$17,500 to \$24,999  \$100,000 to \$89,999  \$100,000 to \$124,999  \$100,000 to \$149,999  \$150,000 to \$149,999  \$150,000 to \$19,999  \$150,000 to \$10,000 to			3 3 3
○ Yes, 2 or more individual room units       ○ Less than \$10,000       \$50,000 to \$54,999         25. How many automobiles, vans or light trucks are kept at home for use by members of your household? (Include company-owned vehicles kept at home.)       ○ \$10,000 to \$14,999       ○ \$55,000 to \$59,999         ○ None       ○ \$17,500 to \$19,999       ○ \$65,000 to \$69,999       ○ \$70,000 to \$74,999         ○ None       ○ \$22,500 to \$22,499       ○ \$75,000 to \$79,999         ○ 2 automobiles or trucks or vans, etc.       ○ \$25,000 to \$27,499       ○ \$80,000 to \$89,999         ○ \$27,500 to \$29,999       ○ \$90,000 to \$89,999         ○ \$30,000 to \$34,999       ○ \$124,999         ○ \$30,000 to \$34,999       ○ \$10,000 to \$14,999         ○ \$20,000 to \$27,499       ○ \$124,999         ○ \$20,000 to \$29,999       ○ \$124,999         ○ \$30,000 to \$34,999       ○ \$124,999         ○ \$30,000 to \$34,999       ○ \$125,000 to \$149,999         ○ \$40,000 to \$44,999       ○ \$150,000 to \$149,999         ○ \$40,000 to \$49,999       ○ \$200,000 or more		S State of the property	9- 0- 0-
\$10,000 to \$14,999 \$55,000 to \$54,999 \$55,000 to \$64,999 \$55,000 to \$64,999 \$55,000 to \$64,999 \$55,000 to \$64,999 \$65,000 to \$64,999 \$65,000 to \$64,999 \$65,000 to \$64,999 \$65,000 to \$74,999 \$65,000 to \$74,999 \$70,000 to \$74,999 \$70,000 to \$74,999 \$70,000 to \$74,999 \$75,000 to \$7		0 1	
25. How many automobiles, vans or light trucks are kept at home for use by members of your household? (Include company-owned vehicles kept at home.)  None 1 automobile or truck or van, etc. 2 automobiles or trucks or vans, etc. 3 or more automobiles or trucks or vens, etc.  \$25,000 to \$27,499 \$22,500 to \$24,999 \$30,000 to \$89,999 \$30,000 to \$89,999 \$30,000 to \$99,999 \$30,000 to \$99,999 \$30,000 to \$99,999 \$30,000 to \$124,999 \$33,000 to \$34,999 \$35,000 to \$39,999 \$35	O NO		
25. How many automobiles, vans or light trucks are kept at home for use by members of your household? (Include company-owned vehicles kept at home.)  None 1 automobile or truck or van, etc. 2 automobiles or trucks or vans, etc. 3 or more automobiles or trucks or vens, etc.  26. Are your living quarters —  Owned or being bought by you or by someone else in this household?  Rented for cash rent?  \$17,500 to \$17,499 \$20,000 to \$22,499 \$22,500 to \$24,999 \$22,500 to \$24,999 \$25,000 to \$27,499 \$25,000 to \$27,499 \$27,500 to \$29,999 \$30,000 to \$34,999 \$100,000 to \$124,999 \$150,000 to \$124,999 \$33,000 to \$34,999 \$150,000 to \$149,999 \$35,500 to \$44,999 \$35,000 to \$44,999			
members of your household? (Include company-owned vehicles kept at home.)       \$17,500 to \$19,999       \$65,000 to \$69,999         None       \$20,000 to \$22,499       \$70,000 to \$74,999         1 automobile or trucks or van, etc.       \$22,500 to \$24,999       \$75,000 to \$79,999         2 automobiles or trucks or vans, etc.       \$25,000 to \$27,499       \$80,000 to \$89,999         \$27,500 to \$29,999       \$90,000 to \$89,999       \$11 I         26. Are your living quarters —       \$35,000 to \$34,999       \$125,000 to \$149,999         0 wned or being bought by you or by someone else in this household?       \$40,000 to \$44,999       \$150,000 to \$19,999         845,000 to \$49,999       \$200,000 or more       \$200,000 or more	25. How many automobiles, vans or light trucks are kept at home for use by		
None       \$20,000 to \$22,499       \$70,000 to \$74,999         1 automobile or truck or van, etc.       \$22,500 to \$24,999       \$75,000 to \$79,999         2 automobiles or trucks or vans, etc.       \$25,000 to \$27,499       \$80,000 to \$89,999         \$27,500 to \$29,999       \$90,000 to \$99,999       \$90,000 to \$99,999         \$30,000 to \$34,999       \$100,000 to \$144,999       \$125,000 to \$149,999         \$40,000 to \$44,999       \$150,000 to \$19,999       \$55         \$45,000 to \$49,999       \$200,000 or more       \$27,700 to \$22,499	members of your household? (Include company-owned vehicles kept at home,)		
1 automobile or truck or van, etc. 2 automobiles or trucks or vans, etc. 3 or more automobiles or trucks or vens, etc.  \$25,000 to \$27,499 \$25,000 to \$27,499 \$25,000 to \$27,499 \$27,500 to \$29,999 \$30,000 to \$34,999 \$33,000 to \$34,999 \$35,000 to \$34,999 \$35,000 to \$39,999 \$35,000 to \$44,999			
2 automobiles or trucks or vans, etc. 3 or more automobiles or trucks or vens, etc.  \$25,000 to \$27,499 \$25,000 to \$29,999 \$30,000 to \$99,999 \$33 3 3 \$3 3 3 \$4,499 \$35,000 to \$34,999 \$150,000 to \$144,999 \$35,000 to \$39,999 \$150,000 to \$149,999 \$35 5 \$6 6 6 \$7 7 7 \$8 8		O \$22,500 to \$24,999 O \$75,000 to \$79,999	Y. 000
3 or more automobiles or trucks or vens, etc.  \$25,000 to \$27,499  \$80,000 to \$89,999  \$3 3 3 3  \$3 3 3 \$3 3 \$3 \$3 \$3 \$3 \$3 \$			
\$27,500 to \$29,999		○ \$25,000 to \$27,499 ○ \$80,000 to \$89,999	
\$30,000 to \$34,999	O 3 or more automobiles or trucks or vens, etc.		
26. Are your living quarters —   \$35,000 to \$39,999   \$125,000 to \$149,999   \$5.5			
Owned or being bought by you or by someone else in this household?  Rented for cash rent?  \$40,000 to \$44,999 \$150,000 to \$199,999 \$200,000 or more \$200,000 or more	26. Are your living quarters —		
O Rented for cash rent?			1
O Rented for Cash rent?			
898	Owned or being bought by you or by someone else in this household?		1
Occupied without payment of cash rent?	Owned or being bought by you or by someone else in this household?		2 2 2

ASK H30 THROUGH H35 IN GUAM AND COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS ONLY	H34. Does your regular monthly payment (amount entered in H33) include payments for real estate taxes on this property?  Yes, taxes included in payment			
Please ask H30 — H35 if this is a one family house which is owned or is being bought, unless this is —  • A mabile home or trailer	No, taxes paid separately or taxes not required.  H35. Does your regular monthly payment include payments (amount entered in H33) for fire and hazard insurance on this property?  Yes, insurance included in payment  No, insurance paid separately or no insurance  ASK H36 AND H37 IN THE TRUST TERRITORY  OF THE PACIFIC ISLANDS ONLY  H36. Does any member of the household own a boat of less than 25 feet in length?  Yes  No  No  H37. How many motorcycles, mopeds, or motor scooters are kept at home			
\$ .00 OR O None	for use by members of your household?  None			
2. Is there a mortgage on this property?  O Yes  No — Turn to page 6.	○ 1 ○ 2 or more			
3. How much is your total regular monthly payment to the lender?  Also include payments to lenders holding second or junior mortgages on this property.  Solution of the lender?  No regular payment required —  Turn to page 6.	Please turn to page 6			
H30. H31. H33. O O O O O O O O O O O O O O O O O O				
9999 999 9999				

Name of	16 a Consider the same of the	village and the maio-	10h la la matharinata transactura
Name of Person 1	15c. Specify the name of the island or atoll, U.S. State		19 b. Is 's mother in the household?
on page 2	where lived five years		○ Yes → Person no. of's mother from page 2 or 3
Last name First name Middle initial	(1) the village name		○ No→ Ask: Is 's mother living?
10a. Where was born?  If born in a hospital, give residence of the mother.	(2) the major island or a	itoll, U.S. State, or	■ ○ Yes ○ No
not location of the hospital. Fill one circle.	foreign country		If 19b is answered, turn to next page for next person.
American Samoa     O Tonga			20a. Has completed the requirements for a
Guam O Truk Kosrae O Western Samoa Marshall Islands O Yap Northern Marianas O United States Palau Elsewhere Ponape		Hawaii) at any time re months?	vocational training program at a trade school, business school, hospital or some other kind of school for occupational training?  (Do not include academic college courses.)  Yes  No Skip to 21a
r Grape	b. When did come or re the last time?	turn to this territory	b. At what kind of school was the training received?
b. Specify the name of the major island or atoll, U.S.State or foreign country.	○ 1979 or 1980 ○ 1 ○ 1978 ○ 1 ○ 1977 ○ 1	975	Business school, trade school, or 2-year college     High school vocational program     Training program at place of work     Other school — Specify
11. ASK 11 IN GUAM ONLY	c. How long did live in t the last time?	ne United States	
Ask only for persons born outside Guam or the United States:	O 6 months up to 1 year	○ 5 years	<b>21a.</b> If this person is a female — 1 2 3 4 5
lsa .	O 1 to 2 years	O 6 to 9 years	How many babies has she ooo oo
Naturalized U.S. citizen	O 3 to 4 years	O 10 or more years	stillbirths?
<ul> <li>Permanent U.S. alien (visa)</li> <li>Temporary U.S. alien (work permit)</li> </ul>	d. For the last 6 months that	t lived in the U.S.,	Do not count her stepchildren 0 0 0 0 0 or children she has adopted 11 12 13 14 15 or
Other U.S. citizen	******	<u>Yes</u> <u>No</u>	○ None — <i>Skip to 22a</i> ○ ○ ○ ○ ○ □
2. If was born outside this territory —	(1) Working at a job or b		b. How many of None 1 2 3 4 5 6 7 8 9 10
When did come to this territory to stay?	(Full time or part time (2) In the U.S. Armed Fo		these children
1979 or 1980 0 1970 1977 or 1978 1960 to 1969	(3) Attending school or c		are still living? 11 12 13 14 15 or more
1975 or 1976 © 1950 to 1959	17. Does know how to rea	d and write (in any	00000
© 1973 or 1974 © Before 1950	language)?	· · · · · · · · · · · · · · · ·	c. Has had any babies born alive since
1) 1971 or 1972	Yes O N	lo 📕	April 1, 1979?
3. Where was's father born?	18a. Does speak a langua	ge other than English	O Yes O No
<ul> <li>✓ American Samoa ← Tonga</li> <li>✓ Guam ← Truk</li> </ul>	at home?	5 61 64	22 a. Did work at any time last week?
○ Kosrae	▼ ○ Yes ○ No, only s	peaks English – Skip to 19a	Count part-time work, or helping without pay in a family business or farm. Also count active duty in the U.S. Arm
Marshall Islands     Yap     Northern Marianas     United States	b. What language other that at home?	n English is spoken	Forces. Subsistence activity includes fishing,
Palau Elsewhere - Specify	at nome!		handicrafts, etc. not for commercial purposes.
Ponape	, <b></b>		Yes, worked full time or part time at a job
		Chamorro, Samoan, etc.)	or business; did <u>no</u> subsistence activity.
4. Where was 's mother born?	c. Does speak this lang more frequently than Eng		<ul> <li>Yes, worked full time or part time at a job or business and did subsistence activity.</li> </ul>
American Samoa O Tonga  Guam O Truk	Yes, more frequently th		O Yes, did subsistence activity only.—Skip to 23
Kosrae Western Samoa	Both equally often		No (Fill this circle if this person did not work or did
Marshall Islands	No, less frequently that  Doesn't speak English	n English	only own housework, or volunteer work.) - Skip to 2
Palau Elsewhere — Specify —	19a. When was born?		b. How many hours did work last week
Ponape	Born before April 1965	- Skin to 20a	(at all jobs), excluding subsistence activity?
E- Pila - Burt Abt burn 4th	Born April 1965 or late		Subtract any time off; add overtime or extra hours work
Sa. Did live in this house five years ago (April 1, 1975)?	DOM April 1909 of late		Hours — Skip to 26
Born April 1975 or later — Skip to 18a		FOR CENS	US USE ONLY
Yes, this house ~Skip to 16a	Person 10b.	13. 14.	15c. 18b. 19b. 22b. Z.
No, different house	No.	000 000	000 000 00 000
1			555 555 55 55 55 65 65 65 65 65 65 65 65
b. Where didlive five years ago (April 1, 1975)?  American Samoa Tonga	3 333	333 33 1	33 333 33 33 333
Guam Truk	9 9 9		
Kosrae Western Samoa	5 555 6 660	555 555	5 7 5   5 7 5   5 7 5   5 7 5   6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Marshall Islands Yap Northern Marianas United States	7 777	777 771	177 177 2 77 777
Palau Elsewhere	0 88	385 855	出来 (
Palau Elsewhere Ponape	555	199 557	99 999

23. Was temporarily absent or on layoff from a job or business	CENSUS	29b. In 1979, did do subsistence activity such as growing/gathering food, fishing, copra, or handlcrafts	CENS	sus u	USE ONLY	
last week?		not for commercial purposes?	29d.	29 e.	291.	
O Yes, on layoff	11C	○ Yes ○ No — Skip to 29f	00	00		
O Yes, on vacation, temporary illness, labor dispute, etc.	00		II	II	1 1	
○ No	SS	c. Did earn any cash Income from this work in 1979?	3 3	33		
24a. Has been looking for work to earn money	3 3	○ Yes ○ No	9.9	0. 0.		
during the last 4 weeks?	9- 9-	d. How many weeks did work in 1979?	5 5	5 5	5.5	
Yes O No — Sk/p to 25	5 5	Count paid vacation, paid sick leave, and military service.	6	66		
b. Could have taken a job last week?	66	Weeks	?	? ? 8 8		
O No, already has a job	88	e. During the weeks worked in 1979, how many hours	9	99		
No, temporarily ill	99	did usually work each week?	-			
O No. other reasons (In school, etc.)		Hours	30 a.		30Ь.	
O Yes, could have taken a job			1 1 1		0000	
25. When did last work, even for a few days?		f. Of the weeks <u>not worked</u> or in which only subsistence activity was done in 1979, how many weeks	5 5 5		5555	
O 1980 O 1978 O 1970 to 1974		was looking for work to earn money or on layoff	3 3 3		3 3 3 3	
○ 1979 ○ 1975 to 1977 ○ 1969 or earlier Skip		from a job?	999		9 9 9 9	
O Never worked to 29f		Weeks	555	-	5 5 5 5	
6-28. Currant or most recent job activity.		30.Income in 1979 —	7 7 7		6666	
Describe the chief job activity, business or subsistence activity		Fill circles and print dollar amounts. If net income was a loss,	888		8888	
at which worked the most hours last week (if did not work	26.	print "Loss" above the dallar amount. If exact amount is not	999		9999	
last week, describe the last job or business since 1975). If had more	ABC	known, ask for best estimate.	A	0	O A O	
than one job or had a job to earn money and did subsistence activity, describe the one at which worked the most hours.	000	During 1979 did receive any income from the	30c.		30d.	
		following sources?	000	i	000.	
6. Industry	DEF	If "Yes" to any of the sources below — How much did	1111		IIII	
a. For whom did work? If now on active duty In the U.S. Armed Forces, print "AF" and skip to question 29a.	000	receive for the entire year?	5 5 5	- 1	SSSS	
in the 0.3. Armed Porces, print AP and skip to question 290.	GHJ	a. Wages, salary, commissions, bonuses, or tips	3 3 3		3 3 3 3	
	000	from all jobs - Report gross amount before any deductions	999	1	9 9 9 9	
(Name of company, business, organization, or other employer)		for retirement funds, etc.	555		5555	
b. What kind of business or industry was this?	KLM	○ Yes → \$ .00	666	1	6666	
Describe activity at location where employed.	000	O No (Annual amount – Dollars)	888	1	8888	
	000	b. Own nonfarm business, commercial enterprise,	999	1	9999	
75	III	partnership, or professional practice - Report net Income	O A	0	O A O	
(For example: Hospital, fish cannery, basket weaving)	5 5 5	after business expenses. O Yes - \$ .00	30e.		30f.	
c. Is this mainly — (Fill one circle)	3 3	O No (Annual amount—Dallars)	000	- 1	0000	
Manufacturing     Construction	9- 9-	c. Income from individual activity such as			111	
O Wholesale trade Other — (agriculture,	5 5	farming, fishing, etc. Report net income after operating	5.8	s	SSS	
O Retail trade service, etc.)	66	expenses. Include earnings as a tenant farmer or sharecropper.		3 3	3 3 3	
7. Occupation	8.8	○ Yes → \$ .00	9.9		444	
a. What kind of work to earn money or subsistence activity	99	O No (Annual amount – Dollars)	66	55	555	
was doing?	AF O	d. Interest, dividends, royalties, or net rental income —	7 7		777	
	NW O	Report even small amounts credited to an account.		3.8	888	
(Far example: Registered nurse, industrial machinery mechanic,	27	0.4	9 9	9 9 !	999	
basket weaver)	27. N P Q	O No	30g.		31.	
b. What were 's most important activities or duties?	000	(Annual amount – Dallars)	000		0000	
		e. Social Security or Railroad Retirement —	III		IIIII	
(For example: Patlent care, repair machines in factory,	RST	○ Yes → \$ .00	5 5 5	5.8	SSSS	
weave baskets)	000	No (Annual amount–Dollars)	3 3 3		3 3 3 3	
8. Was — (FIII one circle)	uvw	f. Public assistance or public welfare payments —	4 4 4		9999	
Employee of private company, business or	000	○ Yes → \$ .00	5 5 5		5555	
individual for wages, salary, or commissions		O No (Annual amount – Dollars)		7 7	7777	
U.S. government employee	XYZ	g. Unemployment compensation, veterans' payments,	888		8888	
Local government employee (Territorial, etc.)	000	pensions, alimony or child support, or any other sources	999	99	9999	
Self-employed in own business,		of income received regularly, including money transfers			O A O	
professional practice, or farm —	11	from other relatives outside the household — Exclude lump	II	II	III	
Own business not incorporated	S S 1 1	sum payments such as money from an inheritance or the sale	S.S.	SS		
Own business incorporated	333	of a home. ○ Yes → \$	3 3	3 3		
Working without pay in family business or farm	9-9-9-	O No (Annual amount–Dollars)	0-0-	0- 0-	999	
Doing subsistence activity	5 5 5	31. What was 's total income in 1979?	5 5	5 5		
9a. Last year (1979), did work, even for a few days, at a paid	666	Add entries in questions 30a through g; \$ .00	66	66		
job or in a business or farm?	277	subtract losses. If total amount was a (Annual amount-Dollars)	38	88		
○ Yes — Skip to 29c  ○ No — Go to 29b.	999	loss, print "Loss" above amount.  OR O None	99	99		
		J., J., 10110				

Page 20	
Section B	Please Make Sure You Have
For persons who answered in Question 1 that they are staying here only temporarily and have a usual home elsewhere, enter the address of usual home here:	Filled This Form Completely
House number Street or road Apartment number or location	
City Island/County	1 Check to be certain you have:
	• Completed Question 1 on page 1.
State ZIP Code	<ul> <li>Completed Questions 2 through 9 for each person you listed at the top of pages 2 and 3.</li> </ul>
Section C	• Completed Housing Questions on pages 3, 4 and 5.
1. Does anyone living in this house operate a farm?  Yes  No	<ul> <li>Filled a pair of pages for each person listed on pages 2 and 3. That is, pages 6 and 7 should be filled for the Person in column 1, pages 8 and 9 for the Person in column 2, etc.</li> </ul>
2. Does this place have 15 or more poultry (chickens, ducks, guineas, etc.)?  Yes  No	Please notice we need answers to questions 19 through 31 for every perso- born before April 1965 even though they may not seem to apply to th particular person.
3. Does this place have 5 or more livestock (cattle, hogs, goats, etc.)?  No	For example, you may have forgotten to fill all the necessary circles on wor or on income for a teenager going to school, or a retired person.
4. Is there a combined total of 10 or more fruit, nut, or tree crops on this place?  Yes  No  5. Does this place have 100 square meters or more on which root or field crops or vegetables were harvested	Write here the name of the person who filled the form, the date the form was completed, and the telephone numbe on which the people in this household can be called.
for sale during 1979?  Yes  No	Name
ENUMERATOR — If this house is on a farm but you are unable to contact the farm operator OR THIS HOUSE IS VACANT, find out the name of the person to contact and the address (if the farm operator does not live here) and enter here:	Date
Name of operator (or, if vacant, owner of the house)	Telephone number of household
Address	
If "YES" to questions 1, 2, 3, 4 or 5	
FILL AN AGRICULTURE QUESTIONNAIRE	
	₩ pm GPO : 1980 O -308-01

# Form D-20, Individual Census Report

U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS	3. Sex Male	Female
1980 CENSUS OF THE UNITED STATES	4. Are you - (Mark one box.)	!
INDIVIDUAL CENSUS REPORT	☐ White	Asian Indian
1. What is your name? (Please print)	☐ Black or Negro	☐ Hawaiian
	Japanese	Guamanian
(Last name) (First name) (Middle initial)	Chinese	Samoan
2. Are you - (Mark the first box that applies)	Filipino	Eskimo
a. A person who usually lives here or who stays here most of the week while working?		Aleut
b. A college student living here while attending college?	☐ Vietnamese	Other - Specify
c. A patient or resident of an institution such as a home for the aged or mental	Indian (Amer.)  Print tribe,	
hospital?  d. A person with no usual place of residence?  Please continue on page 2		
e. A person for whom there is no one at your home address to report you to a census taker? — Give the address at which you usually live.  HOUSE NO., STREET, APT. NO.	Month  6. Marital status  (Mark one box.)	Year
RURAL ROUTE NO. BOX NO.	Now married	Separated
CITY	<b>₩idowed</b>	Never married
	Divorced	
COUNTY		
TELEPHONE NUMBER	7. Are you of Spanish/Hispanic (Mark one box.)	origin or descent?
If you did not mark any of the boxes above, please mark this box and return the form without answering the remaining questions.	☐ No (not Spanish/Hispani☐ Yes, Mexican, Mexican-A☐ Yes, Puerto Rican	
FOR CENSUS OFFICE USE	Yes, Cuban	
D.O. NO. INITIAL ED: BLOCK NO.  SEARCH ED:  SERIAL NO. CONTROL NO. FD	Yes, other Spanish/Hisp	anic
FORM D-20 Form Approved: O.M.B. No. 41-S78006	F	Page 2

# Form D-20, Individual Census Report—Con.

8. Since February 1, 1980 have you attended regular school or college at any time? Mark one box.  Count nursery school, kindergarten, elementary school and schooling which leads to a high school diploma or college degree.  No, have not attended since February 1  Yes, public school, public college  Yes, private, church-related  Yes, private, not church-related
9. What is the highest grade (or year) of regular school you have ever attended? Mark one box.  If now attending school, mark the grade you are now in.  If high school was finished by equivalency test (GED), mark "12."  Nursery school Kindergarten
Elementary through high school (grade or year)  1 2 3 4 5 6 7 8 9 10 11 12  College (academic year)  1 2 3 4 5 6 7 8 or more  Never attended school — Skip to 11
10. Did you finish the highest grade (or year) attended?  Mark one box.  Now attending this grade (or year)  Finished this grade (or year)  Did not finish this grade (or year)
11. In what State or foreign country were you born?  Print the State where your mother was living when you were born.  Do not give the location of the hospital unless your mother's home and the hospital were in the same State.
Name of State or loreign country; or Puerto Rico, Guam, etc.  12. If you were born in a loreign country —
a. Are you a naturalized citizen of the United States?  Yes, a naturalized citizen  No, not a citizen  Born abroad of American parents  b. When did you come to the United States to stay?  1975 to 1980   1965 to 1969   1950 to 1959
1970 to 1974 1960 to 1964 Before 1950  13a. Do you speak a language other than English at home?
Yes No, only speak English — Skip to 14  b. What Is this language?
(For example - Chinese, Italian, Spanish, etc.)  c. How well do you speak English?  Very well  Not well  Not at all  Page 3

14.	What Is your ancestry?
	(For example — Afro-Amer., English, French, German, Honduran, Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.)
15a.	Did you live in this house five years ago (April 1, 1975)?  If in college or Armed Forces in April 1975, report place of residence there.
	Born April 1975 or later — Skip the rest of the questions; see instructions at bottom of page 8.
	Yes, this house – Skip to 16
Ţ	- No, different house
b.	Where did you live five years ago (April 1, 1975)?
	(1) State, foreign country, Puerto Rico, Guam, etc.:
	(2) County:
	(3) City, town, village, etc.:
	(4) Inside the incorporated (legal) limits of that city, town, village, et
	Yes No, in unincorporated area
16.	
16.	Were you —
16.	
17.	Were you —  Born before April 1965 — Please go on with questions 17—33.  Born April 1965 or later — Skip the rest of the questions; see instructions at bottom of page 8.  In April 1975 (five years ago) were you —
17.	Were you —  Born before April 1965 — Please go on with questions 17-33.  Born April 1965 or later — Skip the rest of the questions; see instructions at bottom of page 8.  In April 1975 (five years ago) were you —  On active duty in the Armed Forces?
17.	Were you —  Born before April 1965 — Please go on with questions 17—33.  Born April 1965 or later — Skip the rest of the questions; see instructions at bottom of page 8.  In April 1975 (five years ago) were you —
17. a.	Were you —  Born before April 1965 — Please go on with questions 17-33.  Born April 1965 or later — Skip the rest of the questions; see instructions at bottom of page 8.  In April 1975 (five years ago) were you —  On active duty in the Armed Forces?
17. a.	Were you —  Born before April 1965 — Please go on with questions 17–33.  Born April 1965 or later — Skip the rest of the questions; see instructions at bottom of page 8.  In April 1975 (five years ago) were you —  On active duty in the Armed Forces?  Yes  No
17. a. b.	Were you —  Born before April 1965 — Please go on with questions 17—33.  Born April 1965 or later — Skip the rest of the questions; see instructions at bottom of page 8.  In April 1975 (five years ago) were you — On active duty in the Armed Forces?  Yes No  Attending college?
17. a. b.	Were you —  Born before April 1965 — Please go on with questions 17—33.  Born April 1965 or later — Skip the rest of the questions; see instructions at bottom of page 8.  In April 1975 (five years ago) were you — On active duty in the Armed Forces?  Yes No  Attending college?  Yes No
17. a. b.	Were you —  Born before April 1965 — Please go on with questions 17—33.  Born April 1965 or later — Skip the rest of the questions; see instructions at bottom of page 8.  In April 1975 (five years ago) were you — On active duty in the Armed Forces?  Yes No  Attending college?  Yes No  Working at a job or business?
17. a. b.	Were you —  Born before April 1965 — Please go on with questions 17—33.  Born April 1965 or later — Skip the rest of the questions; see instructions at bottom of page 8.  In April 1975 (five years ago) were you — On active duty in the Armed Forces?  Yes No  Attending college?  Yes No  Working at a job or business?  Yes, full time No
17. a. b.	Were you —  Born before April 1965 — Please go on with questions 17–33.  Born April 1965 or later — Skip the rest of the questions; see instructions at bottom of page 8.  In April 1975 (five years ago) were you — On active duty in the Armed Forces?  Yes
17. a. b. c.	Were you —  Born before April 1965 — Please go on with questions 17—33.  Born April 1965 or later — Skip the rest of the questions; see instructions at bottom of page 8.  In April 1975 (five years ago) were you — On active duty in the Armed Forces?  Yes No  Attending college?  Yes No  Working at a job or business?  Yes, full time No  Yes, part time  Are you a veteran of active-duty military service in the Armed Force of the United States?
17. a. b. c.	Were you —  Born before April 1965 — Please go on with questions 17—33.  Born April 1965 or later — Skip the rest of the questions; see instructions at bottom of page 8.  In April 1975 (five years ago) were you — On active duty in the Armed Forces?  Yes
17. a. b. c.	Were you —  Born before April 1965 — Please go on with questions 17—33.  Born April 1965 or later — Skip the rest of the questions; see instructions at bottom of page 8.  In April 1975 (five years ago) were you — On active duty in the Armed Forces?  Yes No  Attending college?  Yes No  Working at a job or business?  Yes, full time No  Yes, part time  Are you a veteran of active-duty military service in the Armed Force of the United States?  Yes No — Skip to 19  Was active-duty military service during — (Mark a box for each period in which you served.)
17. a. b. c.	Were you —  Born before April 1965 — Please go on with questions 17—33.  Born April 1965 or later — Skip the rest of the questions; see instructions at bottom of page 8.  In April 1975 (five years ago) were you —  On active duty in the Armed Forces?  Yes
17. a. b. c.	Were you —  Born before April 1965 — Please go on with questions 17—33.  Born April 1965 or later — Skip the rest of the questions; see instructions at bottom of page 8.  In April 1975 (five years ago) were you —  On active duty in the Armed Forces?  Yes No  Attending college?  Yes No  Working at a job or business?  Yes, full time No  Yes, part time  Are you a veteran of active-duty military service in the Armed Force of the United States?  Yes No — Skip to 19  Was active-duty military service during — (Mark a box for each period in which you served.)  May 1975 or later  Vietnam era (August 1964—April 1975)  February 1955—July 1964  Korean conflict (June 1950—January 1955)
17. a. b. c.	Were you —  Born before April 1965 — Please go on with questions 17—33.  Born April 1965 or later — Skip the rest of the questions; see instructions at bottom of page 8.  In April 1975 (five years ago) were you —  On active duty in the Armed Forces?  Yes No  Attending college?  Yes No  Working at a job or business?  Yes, full time No  Yes, part time  Are you a veteran of active-duty military service in the Armed Force of the United States?  Yes No — Skip to 19  Was active-duty military service during — (Mark a box for each period in which you served.)  May 1975 or later  Vietnam era (August 1964—April 1975)  February 1955—July 1964  Korean conflict (June 1950—January 1955)  World War II (September 1940—July 1947)
17. a. b. c.	Were you —  Born before April 1965 — Please go on with questions 17—33.  Born April 1965 or later — Skip the rest of the questions; see instructions at bottom of page 8.  In April 1975 (five years ago) were you —  On active duty in the Armed Forces?  Yes No  Attending college?  Yes No  Working at a job or business?  Yes, full time No  Yes, part time  Are you a veteran of active-duty military service in the Armed Force of the United States?  Yes No — Skip to 19  Was active-duty military service during — (Mark a box for each period in which you served.)  May 1975 or later  Vietnam era (August 1964—April 1975)  February 1955—July 1964  Korean conflict (June 1950—January 1955)

## Form D-20, Individual Census Report—Con.

19. Do you have a physical, mental, or other health condition which has lasted for 6 or more months and which Yes No						
a. Limits the kind or amount of work you can do at a job?						
b. Prevents you from working at a job?						
c. Limits or prevents you from using public transportation?						
20. If you are female —  How many babies have you ever had, not counting stillbirths?  Do not count stepchildren or children you have adopted.						
None						
2 5 8 11						
3 6 9 12 or more						
21. If you have ever been married —  a. Have you been married more than once?						
Once More than once						
b. Month and year Month and year of marriage? of first marriage?						
(Month) (Year) (Month) (Year)						
c. It married more than once — Did your first marriage end because of the death of your husband (or wife)?						
YesNo						
22a. Did you work at any time last week?  Yes — Mark this box if you worked full time or part time. (Count part-time work such as delivering papers, or helping without pay in a family business or farm. Also count active duty in the Armed Forces.)  No — Mark this box if you did not work, or did only own housework, school work, or volunteer work.  Skip to 25						
b. How many hours did you work <u>last week</u> (at all jobs)?  Subtract any time off; add overtime or extra hours worked.						
23. At what location dld you work last week? If you worked at more than one location, print where you worked most last week.						
a. Address (Number and street)						
If street address is not known, enter the building name, shopping center, or other physical location description.						
b. City, town, village, borough, etc.						
c. Is the place of work inside the incorporated (legal) limits of that city, town, village, borough, etc.?  Yes  No, in unincorporated area						
d. County						
e. State f. ZIP Code						
Page 5						

business last week?  Yes, on layoff  Yes, on vacation, temporary illness, labor dispute, etc.  No  Sa. Have you been looking for work during the last 4 weeks?  Yes  No - Skip to 27  b. Could you have taken a job last week?  No, already have a job  No, temporarily ill  No, other reasons (in school, etc.)  Yes, could have taken a job	4a.	Last week, how long dld it use to work (one way)?	ually take you to get from home					
If you used more than one method, give the one usually used for most of the distance.  Car		Minutes						
for most of the distance.  Car	b.	How did you usually get to wo	rk <u>last week</u> ?					
Truck   Motorcycle   Van   Bicycle   Bus or streetcar   Walked only   Railroad   Worked at home   Subway or elevated   Other - Specify    If car, truck, or van in 24b, go to 24c.  Otherwise, skip to 28.  c. When going to work last week, did you usually -								
Van	☐ Car ☐ Taxicab							
Bus or streetcar   Walked only   Railroad   Worked at home   Subway or elevated   Other - Specity    If car, truck, or van in 24b, go to 24c.  Otherwise, skip to 28.  c. When going to work last week, did you usually -   Drive alone - Skip to 28   Drive others only    Share driving   Ride as passenger only    d. How many people, Including yourself, usually rode to work in the car, truck, or van last week?  2		=	I The same of the					
Railroad			-					
Subway or elevated Other — Specify  If car, truck, or van in 24b, go to 24c. Otherwise, skip to 28.  C. When going to work last week, did you usually —  Drive alone — Skip to 28 Drive others only  Share driving Ride as passenger only  d. How many people, Including yourself, usually rode to work in the car, truck, or van last week?  2								
c. When going to work last week, did you usually —  Drive alone — Skip to 28 Drive others only  Share driving Ride as passenger only  d. How many people, including yourself, usually rode to work in the car, truck, or van last week?  2								
Drive alone — Skip to 28 ☐ Drive others only ☐ Share driving ☐ Ride as passenger only  d. How many people, Including yourself, usually rode to work in the car, truck, or van last week? ☐ 2 ☐ 4 ☐ 6 ☐ 3 ☐ 5 ☐ 7 or more  After answering 24d, skip to 28.  5. Were you temporarily absent or on layoff from a job or business last week? ☐ Yes, on layoff ☐ Yes, on vacation, temporary illness, labor dispute, etc. ☐ No  5a. Have you been looking for work during the last 4 weeks? ☐ Yes ☐ No — Skip to 27 ☐ D. Could you have taken a job last week? ☐ No, already have a job ☐ No, temporarily ill ☐ No, other reasons (in school, etc.) ☐ Yes, could have taken a job  7. When did you last work, even for a few days? ☐ 1980 ☐ 1978 ☐ 1970 to 1974			to 24c.					
Share driving Ride as passenger only  d. How many people, Including yourself, usually rode to work in the car, truck, or van last week?  2	c.	When going to work last week,	dld you usually —					
d. How many people, Including yourself, usually rode to work in the car, truck, or van last week?  2		Drive alone - Skip to 28	Drive others only					
the car, truck, or van last week?  2		Share driving	Ride as passenger only					
	d.							
After answering 24d, skip to 28.  5. Were you temporarily absent or on layoff from a job or business last week?  Yes, on layoff Yes, on vacation, temporary illness, labor dispute, etc.  No  6a. Have you been looking for work during the last 4 weeks?  Yes No - Skip to 27  b. Could you have taken a job last week?  No, already have a job No, temporarily ill No, other reasons (in school, etc.) Yes, could have taken a job  When did you last work, even for a few days?  1980 1978 1970 to 1974		2 4	] 6					
S. Were you temporarily absent or on layoff from a job or business last week?  Yes, on layoff  Yes, on vacation, temporary illness, labor dispute, etc.  No  Sa. Have you been looking for work during the last 4 weeks?  Yes  No - Skip to 27  b. Could you have taken a job last week?  No, already have a job  No, temporarily ill  No, other reasons (in school, etc.)  Yes, could have taken a job  When did you last work, even for a few days?  1980 1978 1970 to 1974		3 5	7 or more					
business last week?  Yes, on layoff  Yes, on vacation, temporary illness, labor dispute, etc.  No  Sa. Have you been looking for work during the last 4 weeks?  Yes  No - Skip to 27  b. Could you have taken a job last week?  No, already have a job  No, temporarily ill  No, other reasons (in school, etc.)  Yes, could have taken a job  When did you last work, even for a few days?  1980 1978 1970 to 1974		After answering 24d, skip to 2	28.					
Yes, on vacation, temporary illness, labor dispute, etc.  No  No  Sa. Have you been looking for work during the last 4 weeks?  Yes  No - Skip to 27  b. Could you have taken a job last week?  No, already have a job  No, temporarily ill  No, other reasons (in school, etc.)  Yes, could have taken a job  When did you last work, even for a few days?  1980 1978 1970 to 1974	5.	business last week?	on layoff from a Job or					
dispute, etc.  No  No  Sa. Have you been looking for work during the last 4 weeks?  Yes  No - Skip to 27  b. Could you have taken a job last week?  No, already have a job  No, temporarily ill  No, other reasons (in school, etc.)  Yes, could have taken a job  When did you last work, even for a few days?  1980 1978 1970 to 1974		Yes, on layoff						
Sa. Have you been looking for work during the last 4 weeks?  Yes  No - Skip to 27  b. Could you have taken a job last week?  No, already have a job  No, temporarily ill  No, other reasons (in school, etc.)  Yes, could have taken a job  When did you last work, even for a few days?  1980 1978 1970 to 1974			y illness, labor					
Yes  No - Skip to 27  b. Could you have taken a Job last week?  No, already have a job  No, temporarily ill  No, other reasons (in school, etc.)  Yes, could have taken a job  When dld you last work, even for a few days?  1980 1978 1970 to 1974		□ No						
No - Skip to 27  b. Could you have taken a job last week?  No, already have a job  No, temporarily ill  No, other reasons (in school, etc.)  Yes, could have taken a job  When did you last work, even for a few days?  1980 1978 1970 to 1974	Sa.	Have you been looking for work	during the last 4 weeks?					
b. Could you have taken a Job last week?  No, already have a job  No, temporarily ill  No, other reasons (in school, etc.)  Yes, could have taken a job  When dld you last work, even for a few days?  1980 1978 1970 to 1974	Г	- Yes						
No, already have a job  No, temporarily ill  No, other reasons (in school, etc.)  Yes, could have taken a job  When dld you last work, even for a few days?  1980 1978 1970 to 1974	1	No - Skip to 27						
No, temporarily ill  No, other reasons (in school, etc.)  Yes, could have taken a job  When dld you last work, even for a few days?  1980 1978 1970 to 1974	b.	Could you have taken a Job las	t week?					
No, temporarily ill  No, other reasons (in school, etc.)  Yes, could have taken a job  When dld you last work, even for a few days?  1980 1978 1970 to 1974		No, already have a job						
Yes, could have taken a job  When dld you last work, even for a few days?  1980 1978 1970 to 1974			•					
/. When did you last work, even for a few days?  1980 1978 1970 to 1974								
198019781970 to 1974		Yes, could have taken a jo	b					
198019781970 to 1974	<u> </u>	When did you last work, even for	or a few days?					
☐ Never worked			Taga of eartier Skib to 310					

## Form D-20, Individual Census Report—Con.

28-30. Current or most recent job activity				
Describe clearly your chief job activity or business last week. If you had more than one job, describe the one at which you worked the most hours. It you had no job or business last week, give information for last job or business since 1975.				
28. Industry  a. For whom did you work? If now on active duty in the Armed Forces, print "AF" and skip to question 31.				
(Name of company, business, organization, or other employer)				
b. What kind of business or industry was this?  Describe the activity at location where employed.				
(For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)				
c. is this mainly — (Mark one box)				
Manufacturing Retail trade				
Wholesale trade Other (agriculture, construction, service, government, etc.)				
29. Occupation				
a. What kind of work were you doing?				
(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)				
b. What were your most important activities or duties?				
(For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)				
30. Were you - (Mark one box)				
Employee of <u>private</u> company, business, or individual, for wages, salary, or commissions				
Federal government employee				
State government employee				
Local government employee (City, county, etc.)				
Self-employed in own business, professional practice, or farm –				
Own business not incorporated				
Own business incorporated				
31a. Last year (1979), dld you work, even for a few days, at a pald job or in a business or farm?				
r Yes				
b. How many weeks did you work in 1979?  Count paid vacation, paid sick leave, and military service.				
Weeks				
c. During the weeks <u>worked</u> in 1979, how many hours did you usually work each week?				
Hours				
d. Of the weeks <u>not worked</u> in 1979 (if any), how many weeks were you looking for work or on layoff from a job?				
Weeks				
Page 7				

32.		boxes and print dollar amounts.							
	If net income was a loss, write "Loss" above the dollar amount.  If exact amount is not known, give best estimate.								
	During 1979 did you receive any income from the following sources?								
	If "Yes" to any of the for the entire year?	sources below — How much did you receive							
a.	a. Wages, salary, commissions, bonuses, or tips from all jobs								
	Report amount before deductions for taxes, bonds, dues, or other items  Yes								
	No (Annual amount — Dollars)								
b.		partnership, or professional practice							
	☐ Yes ——	\$00							
	□ No	(Annual amount —— Dollars)							
c.	Own farm								
	Annant former or oborco	operating expenses. Include earnings as a ropper.							
	☐ Yes ———	\$00 (Annual amount Dollars) alties, or net rental income							
d.	Interest dividends rov	alties, or net rental income							
	Report even small amou	ints credited to an account.							
	☐ Yes ───────────────────────────────────	\$00 (Annual amount —— Dollars)							
e.	. Social Security or Railr								
	☐ Yes ——								
		\$00 (Annual amount — Dollars)							
f.	. Supplemental Security (	(SSI), Aid to Families with Dependent her public assistance or public							
	☐ Yes ——	\$00							
		(Annual amount —— Dollars)							
8	Unemployment compens alimony or child suppor	ation, veterans' payments, pensions, t, or any other sources of income							
	exclude lump-sum paym or the sale of a home.	nents such as money from an inheritance							
	☐ Yes ——	\$00							
	□ No	(Annual amount Dollars)							
33.	What was your total Inc	ome in 1979?							
		\$00 OR None							
	(Annual amount —— Dollars)  Add entries in questions 32a through g; subtract any losses.  If total amount was a loss, write "Loss" above amount.								
	AFTER COMPLETING THIS FORM -								
	Please check it to be sure you have answered     all the required questions completely.								
	2. To return your form, please follow the instructions on the envelope that the form came in.								
	Thank you for	your cooperation." >							
		Page 8							

### Form D-20S, Informe Individual del Censo

			OS ESTA	OS UNIDOS	-	3. Sexo
		(	OFICINA I	DEL CENSO		Masculino
					-	4. ¿Es usted —
CENSO D	E LOS E	STADOS UN	idos,	1980		(Marque una casilla.)
INFO	RME INDI	VIDUAL DEL	CENSO			Blanco?
. ¿Cuál es su	nombre? (Fa	vor de escribir er	letra de	molde)		Negro?
						Japonés?
(Apellido)		(Nombre)		(Inicial)		Chino?
. ¿Es usted —	rimera casilla	a que corresponda,	ı			Filipino?
o que	se queda aqu	abitualmente vive	aquí le la			Coreano?
		le su empleo?				☐ Vietnamita?
mienti	ras asiste a l	ersitario que vive a universidad?				Indio (Americano)?  Anote la tribi:
c. Un pa como demen	un hogar de a	dente de una insti Incianos u hospita	tución al para			•
d. Una p	ersona que n	o tiene un lugar h	ahitual		_	
de res	idencia?					5. ¿Cuándo nació usted?
e. Una p	ersona para c	quien no hay nadie al que pueda dar	en su			Man
ción s	obre usted a ui	n enumerador del ci	enso? ~			Mes
habitu	na la direcció lalmente.	on donde usted res	siae	Favor de continuar		6. Estado matrimonial o civil
		(w. p.c.)		en la página 2.		(Marque una casilla.)
		ÍM.DEL APARTA		pagina E.		Actualmente casado(a)
NÚM, DE RUT	A RURAL	NÚM. DEL BUZÓ APARTADO	ОИО			☐ Viudo(a)
CIUDAD						Divorciado(a)
CONDADO						
ESTADO		ZIP CODE			-	7. ¿Es usted de origen españo (Marque una casilla.)
NÚMERO DE 1	reléfono					No (no soy de origen es
Si usted no m	narcó ninguna	de las casillas asilla y devu	alva			Sí, mexicano, mexicano
el formulario	sin contesta	r las preguntas re	stantes.			Sí, puertorriqueño
						Sí, cubano
PA	RA USO DE	LA OFICINA DE	CENSO			Sí, otro origen español/
D.O. NO.	SEARCH E		вьоск	NO.		
SERIAL NO	CONTROL		FD			
FORMA D-20 S	1	Form	ulario Apr		-	
8-13-79)		Núm.	de O.M.B	41-S78006		P

3. Sex	0					
	Masculino	Femenino				
4. ¿Es usted —  (Marque una casilla,)						
	☐ Blanco? ☐ Indio Asiático?					
	☐ Negro? ☐ Hawaiano?					
	☐ Japonés? ☐ Guamés?					
	Chino? Samoano?					
	Filipino? Esquimal?					
	Coreano? Aleuta?					
	Vietnamita?	Otro - Especifique				
	Indio (Americano)?  Anote la tribi:					
5. ¿Cı	uándo nació usted?					
Mes Año						
Mes	S	Año				
6. Est	s lado matrimonial o civil urque una casilla.)	Año				
6. Est	ado matrimonial o civil	Año				
6. Est (Ma	rado matrimonial o civil					
6. Est	ado matrimonial o civil erque una casilla.) Actualmente casado(a)	Separado(a)				
6. Est (Ma	ado matrimonial o civil erque una casilla.) Actualmente casado(a) Viudo(a) Divorciado(a)	Separado(a)  Nunca me he casado				
6. Est (Ma	ado matrimonial o civil erque una casilla.) Actualmente casado(a) Viudo(a)	Separado(a)  Nunca me he casado				
6. Est (Ma	ado matrimonial o civil rque una casilla.) Actualmente casado(a) Viudo(a) Divorciado(a)	Separado(a)  Nunca me he casado  Ispano?				
6. Est (Ma  7. ¿Es (Ma	ado matrimonial o civil rque una casilla.)  Actualmente casado(a)  Viudo(a)  Divorciado(a)  s usted de origen español/h	Separado(a)  Nunca me he casado  Ispano?  ol.'hispano)				
6. Est (Ma  7. ¿Es (Ma)	rque una casilla.)  Actualmente casado(a)  Viudo(a)  Divorciado(a)  s usted de orlgen español/hirque una casilla.)  No (no soy de origen españo	Separado(a)  Nunca me he casado  Ispano?  ol.'hispano)				
6. Est (Ma  7. ¿Es (Ma)	rque una casilla.)  Actualmente casado(a)  Viudo(a)  Divorciado(a)  s usted de origen español/h rque una casilla.)  No (no soy de origen español	Separado(a)  Nunca me he casado  Ispano?  ol.'hispano)				
6. Est (Ma	ado matrimonial o civil rque una casilla.)  Actualmente casado(a)  Viudo(a)  Divorciado(a)  s usted de origen español/hirque una casilla.)  No (no soy de origen español/sí, mexicano, mexicanoamentosí, puertorriqueño  Sí, cubano	Separado(a)  Nunca me he casado  Ispano?  ol,'hispano)  ricano, chicano				
6. Est (Ma	rque una casilla.)  Actualmente casado(a)  Viudo(a)  Divorciado(a)  s usted de origen español/h rque una casilla.)  No (no soy de origen español Sí, mexicano, mexicanoamen	Separado(a)  Nunca me he casado  Ispano?  ol,'hispano)  ricano, chicano				

### Form D-20S, Informe Individual del Censo-Con.

8.	¿Desde el 1 de febrero de 1980, ¿ha asistido usted a una escuela o universidad de instrucción general? Marque una casilla.	14.
	Incluya guardería para niños, kindergarten, escuela elemental e instrucción que conduce a la obtención de un diploma de escuela superior o un título universitario.	
	No, no he asistido desde el 1 de febrero	_
	Sí, escuela o universidad pública	15.
	Sí, privada, relacionada a una iglesia	
	Sí, privada, no relacionada a una iglesia	
9.	¿Cuál es el grado (o año) más alto de escuela de instrucción general al cual usted ha asistido? Marque una casilla.	
	Si actualmente asiste a la escuela, marque el grado que está cursando. Si terminó la escuela superior por examen de equivalencia (GED), marque ''12.''	
	Guardería para niños	1
	Escuela elemental hasta escuela superior (grado o año)	
	1 2 3 4 5 6 7 8 9 10 11 12	
	Universidad o colegio (año académico)	
	1 2 3 4 5 6 7 8 ó más	
	Nunca asistí a la escuela - Pase a la pregunta 11.	
10.	¿Terminó usted el grado (año) más alto al cual asistió?	
	Marque una casilla.	16
	Actualmente asisto a este grado (o año)	10.
	Terminé este grado (o año)	
	No terminé este grado (o año)	
11.	¿En cuál Estado o país extranjero nació usted?	
	Anote el Estado en el cual vivía su madre cuando usted nació. No anote el Estado en el cual estaba localizado	17
	el hospital a menos que la vivienda de su madre y	
	el hospital estuvieran ubicados en el mismo Estado.	
	Nombre del Estado o país extranjero; o Puerto Rico, Guam, etc.	
12	Si usted nació en un país extranjero –	1
	¿Es usted ciudadano naturalizado de los Estados Unidos?	
	Sí, soy ciudadano naturalizado	
	No, no soy ciudadano	
	Nací en un país extranjero de padres americanos	
b.	¿Cuándo entró usted a los Estados Unidos para permanecer en el país?	1 18
	1975 a 1980 1965 a 1969 1950 a 1959	
	1970 a 1974 1960 a 1964 Antes de 1950	]   '
13a.	¿Habla usted en su hogar algún otro idioma que no sea el <u>inglés?</u>	
Ţ	Sí No, sólo hablo inglés – Pase a la pregunta 14	]
b.	¿Cuál es este idloma?	
	(Por ejemplo: chino, italiano, español, etc.)	
C.	¿Cuán o qué blen habla usted el <u>Inglés</u> ?	
	Muy bien No bien	
	Bien No hablo inglés	
	Página 3	
		J L_

	10.4
14.	¿Cuál es su origen?
	(Por ejemplo — Afroamericano, inglés, francés, alemán, hondureño, húngaro, irlandés, italiano, jamaiquino, coreano, libanés, mexicano, nigeriano, polaco, ukraniano, venezolano, etc.)
15a.	¿Vivía usted en esta casa cinco años atrás (el 1 de abril de 1975)?
	Si estaba en la universidad o en las Fuerzas Armadas en abril de 1975, indique el lugar de residencia allí.
	Nací en abril de 1975 o después — Omita el resto de las preguntas; vea las instrucciones al final de la página 8.
	Sí, en esta casa - Pase a la pregunta 16.
I	☐ No, en otra casa
b.	¿Dónde vivía usted cinco años atrás (el 1 de abril de 1975)?
	(1) Estado de los E.U., país extranjero, Puerto Rico, Guam, etc.:
	(2) Condado:
	(3) Nombre de la ciudad, pueblo, aldea, etc.:
	(4) ¿Dentro de los límites incorporados (legales) de esa ciudad, pueblo, aldea, etc.?
	Sí No, en área no incorporada
16.	¿Cuándo nació usted?
	Nací antes de abril de 1965 — Prosiga con las preguntas
	Nací en abril de 1965 o después — Omita el resto de las preguntas; vea las instrucciones al final de la pagina 8.
17.	En abril de 1975 (cinco años atrás), ¿estaba usted —
a.	En servicio activo en las Fuerzas Armadas?
	□ Sí □ No
b.	Asistiendo a la universidad?
	□Sí □No
	Trabajando en un empleo o negocio?
c.	
	Sí, jornada completa No
	Sí, jornada parcial
18a.	LEs usted veterano del servicio militar activo en las Fuerzas Armadas de los Estados Unidos?
	Sí No – Pase a la pregunta 19
b.	¿Fue el servicio militar activo durante —
	(Llene una casilla para indicar cada período en que usted sirvió.)
	Mayo de 1975 o después?
	Época de Vietnam (agosto de 1964 — abril de 1975)?
	Febrero de 1955 — Julio de 1964?
	Conflicto Coreano (junio de 1950 — enero de 1955)?
	The second secon
	Segunda Guerra Mundial (septiembre de 1940 — julio de 1947)?
	Segunda Guerra Mundial (septiembre de 1940 – julio de 1947)?  Primera Guerra Mundial (abril de 1917 – noviembre de 1918)?

## Form D-20S, Informe Individual del Censo-Con.

19. ¿Tiene usted una incapacidad física, mental u otra condición de salud que ha durado por 6 meses o más y que					
b. Impide que usted trabaje en un empleo?  c. Limita o impide que usted use transportación pública?  20. Si usted es del sexo femenino —  i Cuántos bebés ha tenido, sin contar los que han nacido muertos?  No cuente hijastros(as) o niños que haya adoptado.  Ninguno 1 4 7 10  2 5 8 11  3 6 9 12 ó más  21. Si usted ha estado casado(a) alguna vez —  a. i Ha estado casado(a) más de una vez?  Una vez Más de una vez  b. Mes y año del primer matrimonio  (Mes) (Año) (Mes) (Año)  c. Si se casó más de una vez — i Se terminó el primer matrimonio por causa de la muerte del esposo (o esposa)?  Sí No  22a. i Hizo usted algún trabajo durante la semana pasada?  Sí — Marque esta casilla si trabajó jornada completa o parcial. (Incluya trabajo a jornada parcial tal como distribución de diarios, o ayudando sin paga en algún negocio o finca (rancho) de la familia. También incluya servicio activo en las Fuerzas Armadas.)  b. i Cuántas horas trabajó la semana pasada (en todos los empleos)? Reste cualquier tiempo no trabajado. sume horas extras trabajadas.  23. i En qué localidad trabaió usted la semana pasada?  Sí trabajó en más de una localidad, indique aquélla donde trabajó					
20. Si usted es del sexo femenino —  ¿Cuántos bebés ha tenido, sin contar los que han nacido muertos?  No cuente hijastros/as) o niños que haya adoptado.  [Ninguno 1 4 7 10 2 5 8 11 3 6 9 12 ó más  21. Si usted ha estado casado(a) alguna vez —  a. ¿Ha estado casado(a) más de una vez?  [Una vez Mas de una vez b. Mes y año del primer matrimonio  [Mes] (Año) (Mes) (Año)  c. Si se casó más de una vez — ¿Se terminó el primer matrimonio por causa de la muerte del esposo (o esposa)?  [Sí No  22a. ¿Hizo usted algún trabajo durante la semana pasada?  [Sí Marque esta casilla si no trabajó o solamente hizo quehaceres domésticos en su propio hogar, tareas de escuela o trabajo voluntario.  [Incluya trabajo a jornada parcial tal como distribución de diarios, o ayudando sin paga en algún negoci o finca (rancho) de la familia. También incluya servicio activo en las Fuerzas Armadas.)  b. ¿Cuántas horas trabajó la semana pasada (en todos los empleos)? Reste cualquier tiempo no trabajado. sume horas extras trabajadas.  23. ¿En qué localidad trabajó usted la semana pasada? Si trabajó en más de una localidad, indique aquélla donde trabajó					
20. Si usted es del sexo femenino —  ¿Cuántos bebés ha tenido, sin contar los que han nacido muertos?  No cuente hijastros/as) o niños que haya adoptado.  [Ninguno					
i Cuántos bebés ha tenido, sin contar los que han nacido muertos?  No cuente hijastros(as) o niños que haya adoptado.  Ninguno 1 4 7 10  2 5 8 11  3 6 9 12 ó más  21. Si usted ha estado casado(a) alguna vez —  a. iHa estado casado(a) más de una vez?  Una vez Mas de una vez  b. Mes y año del primer matrimonio  (Mes) (Año) (Mes) (Año)  c. Si se casó más de una vez — iSe terminó el primer matrimonio por causa de la muerte del esposo (o esposa)?  Sí No  22a. iHizo usted algún trabajo durante la semana pasada?  Sí rabajó jornada completa o parcial. (Incluya trabajo a jornada parcial tal como distribución de diarios, o ayudando sin paga en algún negocio o finca (rancho) de la familia. También incluya servicio activo en las Fuerzas Armadas.)  b. iCuántas horas trabajó la semana pasada (en todos los empleos)? Reste cualquier tiempo no trabajado. sume horas extras trabajadas.  23. iEn qué localidad trabajó usted la semana pasada?  Sí trabajó en más de una localidad, indique aquélla donde trabajó					
No cuente hijastros(as) o niños que haya adoptado.  Ninguno 1 4 7 10  2 5 8 11  3 6 9 12 ó más  21. Si usted ha estado casado(a) alguna vez — a. iHa estado casado(a) más de una vez?  Una vez Más de una vez  b. Mes y año del primer matrimonio  (Mes) (Año) (Mes) (Año)  C. Si se casó más de una vez — iSe terminó el primer matrimonio por causa de la muerte del esposo (o esposa)?  Sí No  22a. iHizo usted algún trabajo durante la semana pasada?  Sí — Marque esta casilla si trabajó jornada completa o parcial. (Incluya trabajo a jornada parcial tal como distribución de diarios, o ayudando sin paga en algún negocio o finca (rancho) de la familia. También incluya servicio activo en las Fuerzas Armadas.)  b. iCuántas horas trabajó la semana pasada (en todos los empleos)? Reste cualquier tiempo no trabajado, sume horas extras trabajadas.  23. iEn qué localidad trabajó usted la semana pasada? Si trabajó en más de una localidad, indique aquélla donde trabajó					
Ninguno  1					
21. Si usted ha estado casado(a) alguna vez —  a. iHa estado casado(a) más de una vez?  Una vez Más de una vez  b. Mes y año del primer matrimonio  (Mes) (Año) (Mes) (Año)  c. Si se casó más de una vez — iSe termino el primer matrimonio por causa de la muerte del esposo (o esposa)?  Sí No  22a. iHizo usted algún trabajo durante la semana pasada?  Sí — Marque esta casilla si no trabajó o solamente hizo quehaceres domésticos en su propio hogar, tareas de escuela o trabajo voluntario.  Incluya trabajo a jornada parcial tal como distribución de diarios, o ayudando sin paga en algún negocio o finca (rancho) de la familia. También incluya servicio activo en las Fuerzas Armadas.)  b. iCuántas horas trabajó la semana pasada (en todos los empleos)? Reste cualquier tiempo no trabajado. sume horas extras trabajadas.  13. iEn qué localidad trabajó usted la semana pasada?  Si trabajó en más de una lucalidad, indique aquélla donde trabajó					
21. Si usted ha estado casado(a) más de una vez  a. ¿Ha estado casado(a) más de una vez?  Una vez  Más de una vez  Más de una vez  b. Mes y año del primer matrimonio  (Mes)  (Mes)  (Mes)  (Mes)  (Mes)  (Mes)  (Mes)  (Mes)  (Año)  C. Si se casó más de una vez - ¿Se terminó el primer matrimonio por causa de la muerte del esposo (o esposa)?  Sí  No  22a. ¿Hizo usted algún trabajo durante la semana pasada?  Sí - Marque esta casilla si no trabajó o solamente hizo quehaceres domésticos en su propio hogar, tareas de escuela o trabajo voluntario.  Incluya trabajo a jornada parcial tal como distribución de diarios, o ayudando sin paga en algún negocio o finca (rancho) de la familia. También incluya servicio activo en las Fuerzas Armadas.)  Pase a la pregunta 25  b. ¿Cuántas horas trabajó la semana pasada (en todos los empleos)? Reste cualquier tiempo no trabajado. sume horas extras trabajadas.  ———————————————————————————————————					
a. ¿Ha estado casado(a) más de una vez?  Una vez  Más de una vez  Mas de una vez  Mes y año del primer matrimonio  (Mes)  (Año)  (Año)  22a. ¿Hizo usted algún trabajo durante la semana pasada?  Sí — Marque esta casilla ino trabajó o solamente hizo quehaceres domésticos en su propio hogar, tareas de escuela o trabajo voluntario.  (Incluya trabajo a jornada parcial tal como distribución de diarios, o ayudando sin paga en algún negocio o finca (rancho) de la familla. También incluya servicio activo en las Fuerzas Armadas.)  Pase a la pregunta 25  b. ¿Cuántas horas trabajó la semana pasada (en todos los empleos)? Reste cualquier tiempo no trabajado. sume horas extras trabajadas.  ———————————————————————————————————					
b. Mes y año del matrimonio  (Mes)  (Año)  C. Si se casó más de una vez - ¿Se terminó el primer matrimonio por causa de la muerte del esposo (o esposa)?  Sí No  22a. ¿Hizo usted algún trabajo durante la semana pasada?  Sí - Marque esta casilla si no trabajó o solamente hizo quehaceres domésticos en su propio hogar, tareas de escuela o trabajo voluntario.  (Incluya trabajo a jornada parcial tal como distribución de diarios, o ayudando sin paga en algún negocio o finca (rancho) de la familia. También incluya servicio activo en las Fuerzas Armadas.)  Pase a la pregunta 25  b. ¿Cuántas horas trabajó la semana pasada (en todos los empleos)? Reste cualquier tiempo no trabajado. sume horas extras trabajadas.  ———————————————————————————————————					
b. Mes y año del matrimonio  (Mes) (Año) (Mes) (Año)  c. Si se casó más de una vez - ¿Se terminó el primer matrimonio por causa de la muerte del esposo (o esposa)?  Sí No  22a. ¿Hizo usted algún trabajo durante la semana pasada?  Sí - Marque esta casilla si no trabajó jornada completa o parcial. (Incluya trabajo a jornada parcial tal como distribución de diarios, o ayudando sin paga en algún negocio o finca (rancho) de la familla. También incluya servicio activo en las Fuerzas Armadas.)  b. ¿Cuántas horas trabajó la semana pasada (en todos los empleos)? Reste cualquier tiempo no trabajado. sume horas extras trabajadas.  1					
matrimonio  (Mes) (Año) (Mes) (Año)  c. Si se casó más de una vez - ¿Se terminó el primer matrimonio por causa de la muerte del esposo (o esposa)?  Sí No  22a. ¿Hizo usted algún trabajo durante la semana pasada?  Sí - Marque esta casilla si no trabajó o solamente hizo quehaceres domésticos en su propio hogar, tareas de escuela o trabajó voluntario.  (Incluya trabajo a jornada parcial tal como distribución de diarios, o ayudando sin paga en algún negocio o finca (rancho) de la familia. También incluya servicio activo en las Fuerzas Armadas.)  Pase a la pregunta 25  b. ¿Cuántas horas trabajó la semana pasada (en todos los empleos)? Reste cualquier tiempo no trabajado. sume horas extras trabajadas.  ———————————————————————————————————					
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23. ¿En qué localidad trabajó usted la semana pasada? Si trabajó en más de una localidad, indique aquélla donde trabajó					
Si trabajó en más de una lucalidad, indique aquélla donde trabajó					
a. Dirección (Calle y número)					
Si desconoce la dirección, anote el nombre del edificio, centro comercial u otra descripción de la localización física.					
<ul> <li>b. Nombre de la ciudad, pueblo, aldea, distrito administrativo (borough), etc.</li> </ul>					
c. ¿Está el sitio donde trabaja dentro de los límites incorporados (legales) de esta ciudad, pueblo, aldea, distrito administrativo (borough) etc.?					
Sí No, en área no incorporada					
d. Condado					
e. Estado f. Código ZIP					
e. Estado 1. Courgo ZIP					
Página 5					

la.								
	Durante <u>la semana pasada,</u> ¿cuá usted en ir de su casa al trabajo							
b.	Durante la semana pasada, ¿cóm usualmente a su trabajo?	o se transportó usted						
Si usó más de un medio de transportación, indique el que usualmente utilizó para viajar la mayor parte de la distancia.								
	Automóvil privado	Taxi						
	Troca, camión descubierto (truck)	Motocicleta  Bicicleta						
	Camión cubierto (van)	A pie solamente						
	Autobús o tranvía	Trabajó en casa						
	Ferrocarril	Otro medio – Especifique						
	Tren subterráneo o elevado							
	Si indicó automóvil, troca, camie cubierto (van) en la pregunta 24 De otra manera, pase a la pregun	b, prosiga con la pregunta 24c.						
:	¿Para ir al trabajo <u>la semana pa</u>	sada, usted usualmente —						
	Manejó solo? — Pase a la pregunta 28	Llevó pasajeros solamente?						
	Tomó turno manejando?	└─ Viajó como pasajero solamente?						
	trabajo <u>la semana pasada</u> en el automóvil, troca, camión descubierto (truck) o camión cubierto (van)?  2							
Después de contestar la pregunta 24d, pase a la pregunta 28.								
		a 24d, pase a la pregunta 28.						
	Después de contestar la pregunt  ¿Estuvo usted temporalmente au  empleo o negocio la semana pas	a 24d, pase a la pregunta 28. sente o suspendido de un						
	¿Estuvo usted temporalmente au	a 24d, pase a la pregunta 28. sente o suspendido de un						
	¿Estuvo usted temporalmente au empleo o negocio la semana pas.  Sí, suspendido  Sí, de vacaciones, enfermeda	a 24d, pase a la pregunta 28. sente o suspendido de un ada?						
	¿Estuvo usted temporalmente au empleo o negocio la semana pas.  Sí, suspendido  Sí, de vacaciones, enfermeda  No	a 24d, pase a la pregunta 28. sente o suspendido de un ada? d temporal, disputa laboral, etc.						
	¿Estuvo usted temporalmente au empleo o negocio la semana pas.  Sí, suspendido  Sí, de vacaciones, enfermeda  No	a 24d, pase a la pregunta 28. sente o suspendido de un ada?						
	¿Estuvo usted temporalmente au empleo o negocio la semana pas.  Sí, suspendido  Sí, de vacaciones, enfermeda  No	a 24d, pase a la pregunta 28. sente o suspendido de un ada? d temporal, disputa laboral, etc.						
	¿Estuvo usted temporalmente au empleo o negocio la semana pas.  Sí, suspendido  Sí, de vacaciones, enfermeda  No  ¿Ha estado usted buscando traba	a 24d, pase a la pregunta 28. sente o suspendido de un ada? d temporal, disputa laboral, etc.						
	¿Estuvo usted temporalmente au empleo o negocio la semana pas.  Sí, suspendido  Sí, de vacaciones, enfermeda  No  ¿Ha estado usted buscando traba	a 24d, pase a la pregunta 28. sente o suspendido de un ada? d temporal, disputa laboral, etc. ajo durante las últimas 4 semanas?						
	¿Estuvo usted temporalmente au empleo o negocio la semana pas.  Sí, suspendido  Sí, de vacaciones, enfermeda  No  ¿Ha estado usted buscando traba  Sí  No — Pase a la pregunta 27.	a 24d, pase a la pregunta 28. sente o suspendido de un ada? d temporal, disputa laboral, etc. ajo durante las últimas 4 semanas?						
	¿Estuvo usted temporalmente au empleo o negocio la semana pas.  Sí, suspendido  Sí, de vacaciones, enfermeda  No  ¿Ha estado usted buscando traba  Sí  No — Pase a la pregunta 27.  ¿Pudo usted haber aceptado emp	a 24d, pase a la pregunta 28.  sente o suspendido de un ada?  d temporal, disputa laboral, etc. ajo durante las últimas 4 semanas?						
	¿Estuvo usted temporalmente au empleo o negocio la semana pas.  Sí, suspendido  Sí, de vacaciones, enfermeda  No  ¿Ha estado usted buscando traba  Sí  No — Pase a la pregunta 27.  ¿Pudo usted haber aceptado emp	a 24d, pase a la pregunta 28.  sente o suspendido de un ada?  d temporal, disputa laboral, etc.  njo durante las últimas 4 semanas?  eleo la semana pasada?  fermo(a)						
	¿Estuvo usted temporalmente au empleo o negocio la semana pas.  Sí, suspendido  Sí, de vacaciones, enfermeda  No  Ha estado usted buscando traba  Sí  No — Pase a la pregunta 27.  ¿Pudo usted haber aceptado emp  No, ya tenía empleo  No, estaba temporalmente en	a 24d, pase a la pregunta 28.  sente o suspendido de un ada?  d temporal, disputa laboral, etc.  sjo durante las últimas 4 semanas?  sleo la semana pasada?  fermo(a) escuela, etc.)						
	¿Estuvo usted temporalmente au empleo o negocio la semana pas.  Sí, suspendido  Sí, de vacaciones, enfermeda  No  ¿Ha estado usted buscando traba  Sí  No — Pase a la pregunta 27.  ¿Pudo usted haber aceptado empleo  No, ya tenía empleo  No, por otras razones (en la empleo)  Sí, pude haber aceptado empleo	a 24d, pase a la pregunta 28.  sente o suspendido de un ada?  d temporal, disputa laboral, etc.  ujo durante las últimas 4 semanas?  sleo la semana pasada?  fermo(a) escuela, etc.)						
	¿Estuvo usted temporalmente au empleo o negocio la semana pas.  Sí, suspendido  Sí, de vacaciones, enfermeda  No  ¿Ha estado usted buscando traba  Sí  No — Pase a la pregunta 27.  ¿Pudo usted haber aceptado empleo  No, ya tenía empleo  No, por otras razones (en la compleo)  Sí, pude haber aceptado empleo  Cuándo trabajó usted la última	a 24d, pase a la pregunta 28.  sente o suspendido de un ada?  d temporal, disputa laboral, etc.  ajo durante las últimas 4 semanas?  sleo la semana pasada?  fermo(a)  escuela, etc.)  eo  vez, aunque fuera por pocos días?						
	¿Estuvo usted temporalmente au empleo o negocio la semana pas.  Sí, suspendido  Sí, de vacaciones, enfermeda  No  Ha estado usted buscando traba  Sí  No - Pase a la pregunta 27.  ¿Pudo usted haber aceptado empleo  No, ya tenía empleo  No, estaba temporalmente en Sí, pude haber aceptado emple  ¿Cuándo trabajó usted la última  1980  1978	a 24d, pase a la pregunta 28.  sente o suspendido de un ada?  d temporal, disputa laboral, etc.  ajo durante las últimas 4 semanas?  leo la semana pasada?  fermo(a)  escuela, etc.)  eo  vez, aunque fuera por pocos días?  ———————————————————————————————————						
	¿Estuvo usted temporalmente au empleo o negocio la semana pas.  Sí, suspendido  Sí, de vacaciones, enfermeda  No  ¿Ha estado usted buscando traba  Sí  No — Pase a la pregunta 27.  ¿Pudo usted haber aceptado empleo  No, ya tenía empleo  No, por otras razones (en la compleo)  Sí, pude haber aceptado empleo  Cuándo trabajó usted la última	a 24d, pase a la pregunta 28.  sente o suspendido de un ada?  d temporal, disputa laboral, etc.  njo durante las últimas 4 semanas?  leo la semana pasada?  fermo(a) escuela, etc.) eo  vez, aunque fuera por pocos días?  1970 a 1974  Pase a la						

# Form D-20S, Informe Individual del Censo-Con.

28-3	O. Actividad en el empleo actual o en el más reciente — Describa claramente la actividad principal que usted desempeñaba en su empleo o negocio la semana pasada. Si usted tenía más de un empleo, describa aquél en el cual trabajó el mayor número de horas. Si usted no tuvo empleo o negocio la semana pasada, de información sobre su último empleo o negocio desde el 1975.
28a.	Industria ¿Para quién trabajó usted? Si actualmente está en servicio activo en las Fuerzas Armadas, escriba "FA" y pase a la pregunta 31.
	(Nombre de la compañía, negocio, organización u otro patrono)
b.	¿Qué clase de negocio o industria era ésta? Describa la actividad en el sitio donde estaba empleado.
	(Por ejemplo: Hospital, publicación de periódicos, negocio de pedidos por correo, manulactura de motores de automóviles, manufactura de cereales para desayuno)
c.	Este negocio es principalmente — (Marque una casilla)
	Manufactura Comercio por menor
	Comercio por mayor Otro (agricultura, construcción, servicios, gobierno, etc.)
29.	Ocupación
	¿Qué clase de trabajo hizo usted?
	(Por ejemplo: Enfermera graduada, gerente de personal, supervisor del departamento de pedidos, montador de motores operados por gasolina, operador de molino de cereales)
b.	¿Cuáles fueron sus actividades o deberes más importantes?
	(Por ejemplo: Cuidar pacientes, administrar las normas de empleo, supervisar el despacho de pedidos, montar motores, operar molino de cereales)
30.	¿Era usted — (Marque una casilla.)  Empleado a jornal, sueldo o comisiones de un individuo, compañía o negocio privado?
	Empleado del gobierno federal?
	Empleado del gobierno estatal?
	Empleado del gobierno local (ciudad, condado, etc.)?
	Empleado por cuenta propia en su negocio, práctica profesional o finca (rancho) —
	Negocio propio no incorporado?
	Negocio propio incorporado?
	Trabajador <u>no remunerado</u> en un negocio o finca (rancho) de la familia?
31a.	¿Trabajó usted el año pasado (1979) en algún empleo remunerado
	o en un negocio o finca (rancho), aunque fuera por unos pocos días?  Sí No — Pase a la pregunta 31d.
b.	¿Cuántas semanas trabajó usted en 1979? Incluya vacaciones con paga, licencia por enfermedad con paga y servicio militar.
	Semanas
c.	Durante las semanas <u>trabajadas</u> en el 1979, ¿cuántas horas trabajó usualmente usted cada semana?
	Horas
d.	De las semanas <u>no trabajadas</u> en 1979 (sl algunas), ¿cuántas semanas estuvo usted buscando trabajo o suspendido de un empleo?
	Semanas
	Página 7

Į	32.	Ingreso en el 1979 – Marque las casil·las y anote las cantidades en dólares. Si el ingreso neto fue pérdida, escriba "Pérdida"
		sobre la cantidad. Ŝi desconoce la cantidad exacta, anote su mejor estimación.
		Durante el año 1979, trecibió usted algún ingreso de las fuentes detalladas a continuación?
		Si contesta "Sí" a cualquiera de las fuentes ¿Cuánto Ingreso recibió usted durante todo el año?
	a.	Sueldos, salarios, comisiones, bonificaciones o propinas de todos sus empleos Informe la cantidad antes de deducir impuestos, bonos, cuotas a uniones o cualquiera otra cosa.
		Sí \$00  [Cantidad anual-dólares]
	b.	Negocio propio no agrícola, sociedad o práctica profesional Informe el ingreso neto después de deducir los gastos del negocio.
		Sí————————————————————————————————————
	c.	Finca (rancho) propia Informe el ingreso <u>neto</u> después de deducir los gastos de operación. Incluya el ingreso devengado en su capacidad de agricultor arrendatario o medianero.
		Sí \$00  [ No (Cantidad anual-dólares)
	d.	Intereses, dividendos, derechos de autor o de inventor, o ingreso neto de alquiler
		Informe cantidades acreditadas a su cuenta, no importa el tamaño.
		Sí————————————————————————————————————
	e.	Seguro Social o Retiro del Ferrocarril
		Sí————————————————————————————————————
į		
	f.	Ingreso Suplementario recibido del gobierno federal o estatal (SSI), Ayuda a Familias con Hijos Dependientes (AFDC) u otra asistencia pública.
		Sí———————.00  [No (Cantidad anual-dólares)
	g.	Compensación por desempleo, pagos a veteranos, pensiones, pagos por divorcio, separación y mantenimiento de niños o cualquier otro ingreso recibido regularmente de otras fuentes.
		Excluya sumas globales como las cantidades procedentes de una herencia o de la venta de una casa.
		Sí————————————————————————————————————
	33.	¿Cuál fue el total de su ingreso en 1979?
		\$00 o Nada (Cantidad anual-dólares)
		Sume las cantidades en las preguntas 32a hasta la 32g, restando las pérdidas. Si el total fue una pérdida, escriba ''Pérdida'' sobre la cantidad.
		DESPUÉS DE LLENAR ESTE FORMULARIO —  1. Haga el favor de revisarlo para asegurarse de que ha
		contestado completamente las preguntas requeridas.  2. Para devolver el formulario, siga las instrucciones
		impresas en el sobre en el cual vino el formulario.  Muchas gracias por su cooperación.
	-	Página 8
l		

#### Form D-21, Military Census Report



U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS

# 1980 CENSUS OF THE UNITED STATES MILITARY CENSUS REPORT

This is your official Census form. Your cooperation in carefully filling out the form will help make the census successful. Estimates may be made where exact answers are not known. This census is authorized by title 13, United States Code, and you are required by law to answer the questions to the best of your knowledge.

The same law protects the confidentiality of your answers. Census employees are subject to fine and/or imprisonment for any disclosure of your answers; the person on base collecting your information is sworn in as a census employee and is subject to these same penalties. Only after 72 years does your information become available to other government agencies or the public.

Thank you for your cooperation.

1. Ple	1. Please print your name:								
	Last name)		First name)	(Mic	Idle initial)				
2a. Wha	2a. What is the name of your unit?								
h. Wha	h What is the address where you recally stay at least 4 nights a week?								
51	b. What is the address where you usually stay at least 4 nights a week?								
<b>5</b> 70									
Buil	lding or barracks	number or	identification (	if applicable)					
Hou	se No.	Street na	me Ap	t. No.	Lockbox No.				
City			State		ZIP code				
	he above address		tary Installation						
□.	Yes - Give name	₹		<u> </u>					
	he place where y				, apartment,				
	Family-type hous	•			h 7 on page 2.				
	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	The	n return your for	m to the person					
	C		ributing these re	•					
□'	Group quarters - Continue with question 3 and follow the instructions at the bottom of page 2.								
-	De the bottom of page 2.								
FCI	FORM D-21 FOR CENSUS OFFICE USE								
			D.O. No. Initial ED No.						
			D.O. 140.	IIIIIII ED NO.	BIOCK NO.				
Forr	n Approved:		Serial No.	Search ED No.	Control No.				
	.B. No. 41-S7800	06		<u> </u>					
				Please	continue				

3. Sex						
Male	[ Female					
4. Are you — (Mark one box.)						
White ! ☐ Asian Indian						
☐ Black or Negro	{T] Hawaiian					
Japanese	Guamanian					
Chinese	Samoan					
Filipino	Eskimo					
Korean	Aleut					
Vietnamese	Other - Specily,					
Indian (Amer.)	<b>→</b>					
Print tribe						
S. When were you born?						
Manth						
Month	Year					
6. Marital status	Year					
Month6. Marital status (Mark one box.)	Year					
6. Marital status	Year					
6. Marital status (Mark one box.)						
6. Marital status (Mark one box.)	Separated					
6. Marital status (Mark one box.)  Now married Widowed Divorced 7. Are you of Spanish/Hispanic	Separated Never married					
6. Marital status (Mark one box.)  Now married Widowed Divorced  7. Are you of Spanish/Hispanic of (Mark one box.)	Separated  Never married  origin or descent?					
6. Marital status (Mark one box.)  Now married Widowed Divorced  7. Are you of Spanish/Hispanic (Mark one box.)  No (not Spanish/Hispanic)	Separated  Never married  origin or descent?					
6. Marital status (Mark one box.)  Now married Widowed Divorced  7. Are you of Spanish/Hispanic of (Mark one box.) No (not Spanish/Hispanic) Yes, Mexican, Mexican-Am	Separated  Never married  origin or descent?					
6. Marital status (Mark one box.)  Now married Widowed Divorced  7. Are you of Spanish/Hispanic (Mark one box.)  No (not Spanish/Hispanic) Yes, Mexican, Mexican-Am	Separated  Never married  origin or descent?					
6. Marital status (Mark one box.)  Now married Widowed Divorced  7. Are you of Spanish/Hispanic of (Mark one box.) No (not Spanish/Hispanic) Yes, Mexican, Mexican-Am Yes, Puerto Rican Yes, Cuban	Separated  Never married  origin or descent?					
6. Marital status (Mark one box.)  Now married Widowed Divorced  7. Are you of Spanish/Hispanic (Mark one box.)  No (not Spanish/Hispanic) Yes, Mexican, Mexican-Am	Separated  Never married  origin or descent?					
6. Marital status (Mark one box.)  Now married Widowed Divorced  7. Are you of Spanish/Hispanic of (Mark one box.) No (not Spanish/Hispanic) Yes, Mexican, Mexican-Am Yes, Puerto Rican Yes, Cuban	Separated  Never married  origin or descent?  ner., Chicano					
6. Marital status (Mark one box.)  Now married Widowed Divorced  7. Are you of Spanish/Hispanic of (Mark one box.) No (not Spanish/Hispanic) Yes, Mexican, Mexican-Am Yes, Puerto Rican Yes, Cuban Yes, other Spanish/Hispanic	Separated  Never married  origin or descent?  ner., Chicano  our Social Security Number?					
6. Marital status (Mark one box.)  Now married Widowed Divorced  7. Are you of Spanish/Hispanic (Mark one box.) No (not Spanish/Hispanic) Yes, Mexican, Mexican-Am Yes, Puerto Rican Yes, Cuban Yes, other Spanish/Hispanic	Separated  Never married  origin or descent?  ner., Chicano  our Social Security Number?					
6. Marital status (Mark one box.)  Now married Widowed Divorced  7. Are you of Spanish/Hispanic (Mark one box.) No (not Spanish/Hispanic) Yes, Mexican, Mexican-Am Yes, Puerto Rican Yes, Cuban Yes, other Spanish/Hispanic	Separated  Never married  origin or descent?  ner., Chicano  our Social Security Number?  X X — Ler than 8332, please continue with					

# Form D-21, Military Census Report—Con.

8. Since February 1, 1980, have you attended regular school or								
	college at any time? (Mark one box.)  Count elementary school and schooling which leads to a high school							
	diploma or college degree,							
	No, have not attended since February 1							
	Yes, public school, public college Yes, private, church-related							
	Yes, private, church-related Yes, private, not church-related							
9.	What is the highest grade (or year) of regular school you have ever attended?							
	Mark one box. If now attending school, mark the grade you are now in. If high school was finished by equivalency test (GED), mark "12."							
	Elementary through high school (grade or year)							
	College (academic year) 1 2 3 4 5 6 7 8 or more							
	word at the second							
	Never attended school — Skip to 11							
10.	Did you finish the highest grade (or year) attended? (Mark one box.)							
	Now attending this grade (or year)							
	[]; Finished this grade (or year)							
	Did not finish this grade (or year)							
11.	In what State or foreign country were you born?							
11.	Print the State where your mother was living when you were born.							
	Do not give the location of the hospital unless your mother's home and the hospital were in the same State.							
	Name of State or foreign country; or Puerto Rico, Guam, etc.							
12.	If you were burn in a foreign country —							
a.	Are you a naturalized citizen of the United States?							
	[ Yes, a naturalized citizen							
	No, not a citizen							
	Born abroad of American parents							
b.	When did you come to the United States to stay?							
	[] 1975 to 1980 [] 1965 to 1969 [] 1950 to 1959							
	[] 1970 to 1974 [] 1960 to 1964 [] Before 1950							
13a.	Do you speak a language other than English at home?							
_	Yes No, only speak English – Skip to 14							
h	b. What is this language?							
	(For example: Chinese, Italian, Spanish, etc.)							
c.	How well do you speak English?							
	□ Very well □ Not well							
	☐ Well ☐ Not at all							
	Page 3							

14. What Is your ancestry?
(For example: Afro-Amer., English, French, German, Honduran,
Hungarian, Irish, Italian, Jamaican, Korean, Lebenese, Mexican, Nigerien, Polish, Ukrainian, Venezuelan, etc.)
15a. Did you live on this base five years ago (April 1, 1975)?
If in college or Armed Forces in April 1975, report place of residence there.
Yes, this base – Skip to 17
No, somewhere else
b. Where did you live five years ago (April 1, 1975)?
(1) State, foreign country, Puerto Rico, Guam, etc.:
Tuerto Nico, Gualii, etc
(2) County:
(3) City, town, village, etc.:
(4) Inside the incorporated (legal) limits of that city, town, village, etc.:
Yes No, in unincorporated area
17. In April 1975 (five years ago) were you —  a. On active duty in the Armed Forces?
☐ Yes ☐ No
b. Attending college?  Yes   No
c. Working at a job or business?
Yes, full time No
18a. Are you a veteran of active-duty military service in the
Armed Forces of the United States?
Yes No – Skip to 19
b. Was active-duty military service during —
(Mark a box for each period in which you served.)
May 1975 or later
☐ Vietnam era (August 1964—April 1975) ☐ February 1955—July 1964
[] Korean conflict (June 1950—January 1955)
World War II (September 1940—July 1947)
World War I (April 1917–November 1918)
Any other time
19. Do you have a physical, mental, or other health condition which has lasted for 6 or more months and which
Yes No
a. <u>Limits</u> the kind or amount of work you can do at a job?
b. Prevents you from working at a job?
c. Limits or prevents you from using public transportation?
Page 4
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# Form D-21, Military Census Report—Con.

	Il you are tem						
	<b>How many bab</b> Do not count s				nting stillbirth	\$?	
1	None	[ 1 [	- 4 [-	7	10		
		2		8	<u></u>		
		[3 [	6	19	12 or more		
	it you have ev Have you beer			e?			
[	Once		[_	More ti	nan once		
h 1	— ↓ Month and yea	hr	-	Month	and year		
	of marriage?				marriage?		
	(Month)	(Year)			(Month)	(Year)	
c.	It married more because of the	e than once e death of y	— Did your our husband	first ma (or wife	rriage end		
[	Yes			] No			
	<b>How</b> m <b>any hou</b> Subtract any t				I <b>l jobs)?</b> ra hours worke	d.	
	+	Hours	OR		ed not work la	st week — <i>Skip</i> to 28	
23. [	id you work o	on this base	last week?				
	Yes - Skip	to 24					
	NoJ						
	If you work	cation did you ked at more st last week	than one loc		rint where you		
a	Address (Numi					<del></del>	
	f street addre				ling name, sho	pping center,	
b. I	Name of city,	town, villag	ge, borough,	etc.			
	is the place of town, village,			orated (	legal) Ilmits of	f that city,	
[	Yes			No, in	unincorporated	area	
d. (	County						
					. 7/2		
е.	State				f. ZIP code		
			Р	age 5			

	to work (one way)		ly take you to get from home
		Minutes	
b.	. How did you usua		
	of the distance.	than one method	, give the one usually used for most
	Car		Taxicab
	Truck		Motorcycle
	Van		Bicycle
	Bus or streetc	ar	Walked only
	Railroad		Worked at home
	Subway or elev	vated	Other - Specify
	If car, truck, or ve Otherwise, skip to		24c.
C.	When going to wor		
	Drive alone -	Skip to 28	Drive others only
	Share driving		Ride as passenger only
d.	the car, truck, or	van <u>last week?</u>	self, usually rode to work in
	2 4	<u> </u>	
	☐ 3  ☐ 5		nore
28-	If you had no job last job or busine.	your chief job ac or business last ss since 1975.	vity ctivity or business last week. t week, give information for Please skip to 31d if you
28.	Describe clearly y If you had no job last job or busine, have not worked s Industry	your chief job ac or business last ss since 1975. since 1974.	ctivity or business last week. I week, give information for Please skip to 31d if you
28.	Describe clearly y If you had no job last job or busine, have not worked s Industry	your chief job ac or business last ss since 1975. since 1974. work? It on ac	ctivity or business last week. t week, give information for
28. a.	Describe clearly y If you had no job last job or busine, have not worked s Industry For whom did you	your chief job et or business last ss since 1975. since 1974. work? It on ac- kip to 31.	ctivity or business last week. It week, give information for Please skip to 31d if you tive duly in the Armed Forces,
28. a.	Describe clearly y If you had no job last job or busine, have not worked s Industry For whom did you print "AF" and si	your chief job et or business last ss since 1975. since 1974. work? It on ac- kip to 31.	ctivity or business last week. It week, give information for Please skip to 31d if you tive duly in the Armed Forces,
28. a. b.	Describe clearly y If you had no job last job or busine, have not worked s Industry For whom did you print "AF" and si  What kind of busin	your chief job et or business lest ss since 1975. since 1974. work? It on ec kip to 31.	ctivity or business last week. It week, give information for Please skip to 31d if you  tive dufy in the Armed Forces,  was this?
28. a. b.	Describe clearly y If you had no job last job or busine- have not worked s Industry For whom did you print "AF" and si What kind of busin	your chief job et or business lest ss since 1975. since 1974. work? It on ec kip to 31.	ctivity or business last week. It week, give information for Please skip to 31d if you  tive dufy in the Armed Forces,  was this?
28. a. b.	Describe clearly y If you had no job last job or busine, have not worked s Industry For whom did you print "AF" and si  What kind of busin	your chief job et or business lest ss since 1975. since 1974. work? It on ec kip to 31.	ctivity or business last week. It week, give information for Please skip to 31d if you  tive dufy in the Armed Forces,  was this?
28. a. b.	Describe clearly y If you had no job last job or busine, have not worked s Industry For whom did you print "AF" and si  What kind of busin Occupation What kind of work	your chief job ac or business last ss since 1975. since 1974.  work? It on ac kip to 31.  ness or Industry  were you doing	ctivity or business last week. It week, give information for Please skip to 31d if you  tive dufy in the Armed Forces,  was this?
28. a. b.	Describe clearly y If you had no job last job or busine, have not worked s Industry For whom did you print "AF" and si  What kind of busin Occupation What kind of work  Were you — (Mark of Employee of priva	your chief job et or business last ss since 1975. since 1974.  work? It on activity to 31.  mess or Industry  were you doing:  one box.)  te company, bus	ctivity or business last week. It week, give information for Please skip to 31d if you  tive duly in the Armed Forces,  was this?
28. a. b.	Describe clearly y If you had no job last job or busine, have not worked s Industry For whom did you print "AF" and si What kind of busin Occupation What kind of work  Were you — (Mark of Employee of priva individual, for wag	work? It on ackip to 31.  work? It on ackip to 31.  were you doing:  were you doing:	ctivity or business last week. It week, give information for Please skip to 31d if you  tive duly in the Armed Forces,  was this?  ?  siness, or commissions
28. a. b.	Describe clearly y If you had no job last job or busine, have not worked s Industry For whom did you print "AF" and si What kind of busin Occupation What kind of work  Were you — (Mark to be seen a light of wag Federal government	work? It on ackip to 31.  were you doing:  were you doing:  one box.)  te company, busges, salary, or cat employee	ctivity or business last week. It week, give information for Please skip to 31d if you  tive duly in the Armed Forces,  was this?
28. a. b.	Describe clearly y If you had no job last job or busine, have not worked s Industry For whom did you print "AF" and si What kind of busin Occupation What kind of work Employee of priva individual, for wag Federal government	work? It on ackip to 31.  were you doing:  were you doing:  one box.)  te company, busges, salary, or cont employee	ctivity or business last week. It week, give information for Please skip to 31d if you  tive duly in the Armed Forces,  was this?  ?  siness, or commissions
28. a. b.	Describe clearly y If you had no job last job or busine- have not worked s Industry For whom did you print "AF" and si What kind of busin  Occupation What kind of work  Employee of priva individual, for wag Federal government State government Self-employed in o	work? It on ackip to 31.  work? It on ackip to 31.  mess or Industry  were you doing  one box.)  one company, busges, salary, or cont employee employee (city, own business,	ctivity or business last week. It week, give information for Please skip to 31d if you  tive duly in the Armed Forces,  was this?  ?  siness, or commissions
28. a. b.	Describe clearly y If you had no job last job or busine- have not worked s Industry For whom did you print "AF" and si What kind of busin  Occupation What kind of work  Were you — (Mark to the continuous conti	work? It on ackip to 31.  work? It on ackip to 31.  mess or Industry  were you doing  one box.)  the company, bus ges, salary, or cont employee employee (city, own business, cice, or farm —	ctivity or business last week. It week, give information for Please skip to 31d if you  tive duly in the Armed Forces,  was this?  ?  siness, or commissions
28. a. b.	Describe clearly y If you had no job last job or busine. have not worked s Industry For whom did you print "AF" and si  What kind of busin  Occupation What kind of work  Were you — (Mark to be busine)  Employee of privatindividual, for way Federal government of the business of the busi	work? It on ackip to 31.  work? It on ackip to 31.  were you doing  were you doing  one box.)  the company, bus ges, salary, or contemployee employee employee (city, bwn business, cice, or farm — siness not incor	ctivity or business last week. It week, give information for Please skip to 31d if you  tive duly in the Armed Forces,  was this?  commissions

## Form D-21, Military Census Report—Con.

la.	Last year (1979), did you work, even for a few days, at a paid job or in a business or farm? (Include military service.)
~	Yes No - Skip to 31d
<b>₩</b>	How many weeks did you work in 1979?
	Count paid vacation, paid sick leave, and military service.
	Weeks
c.	During the weeks worked in 1979, how many hours did you usually work each weeks
	Hours
d.	Of the weeks <u>not worked</u> in 1979 (if any), how many weeks were you looking for work or on layoff from a job?
	Weeks
2.	
	If net income was a loss, write "Loss above the dollar amount.  If exact amount is not known, give best estimates.
	During 1979 did you receive any income from the following sources?
	If "Yes" to any of the sources below — How much did you receive for the entire year?
a.	Wages, salary, commissions, bonuses, or tips from all jobs
	Report amount before deductions for taxes, bonds, dues, or other items.
	No (Annual amount — Dollars)
b.	(Annual amount — Dollars) Own nonfarm business, partnership, or professional practice
٠.	Report net income after business expenses.
	Yes
	(Annual amount — Dollars)
c.	Own farm
	Yes
ď.	Interest, dividends, royalties, or net rental Income
	Report even small amounts credited to an account.
	Yes S 00 (Annual amount — Dollars)
	No (Annual amount — Dollars) Social Security or Railroad Retirement
€.	
	Yes
f.	Supplemental Security (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments
	Yes \$00
	No (Annual amount Dollars)
g.	Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly Exclude lump sum payments such as money from an inheritance or
	the sale of a home.  Yes
	No (Annual amount - – Dotlars)
3.	What was your total income in 1979?
	\$ OD OR [ ] None
	(Annual amount — Dollars)
	Add entries in questions 32a through g; subtract any losses. If total amount was a loss, write "Loss" above amount.

#### AFTER COMPLETING THIS FORM -

- Please check it to be sure you have answered all the required questions completely.
- 2. Then return your form to the person in charge of distributing these reports.

Thank you for your cooperation.

This form may be reproduced if additional copies are needed.

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#### Form D-23, Shipboard Census Report



U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS

# 1980 CENSUS OF THE UNITED STATES SHIPBOARD CENSUS REPORT

This is your official Census form. Your cooperation in carefully filling out the form will help make the census successful. Estimates may be made where exact answers are not known.

This census is authorized by title 13, United States Code, and you are required by law to answer the questions to the best of your knowledge.

The same law protects the confidentiality of your answers. Census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public.

Thank you for your cooperation.

1a. Please print your name:			•
(Last name) (	First name)		iddle initial)
b. What Is the name of the ship w	here you are pe	rmanently assign	ned?
c. What is the name of the operat		/// // Coverne	nont .
specify Navy, Coast Guard, et		(II O.S. Governin	ient,
		Please c	ontinue
FORM D-23			
FORM U-23		CENSUS OFFI	
	D.O. No.	Initial ED	Control No.
Form Approved:		Search ED	Search block
O.M.B. No. 41-\$78006			1

	home port	of this ship, wh	ere you usually	nt) within 50 miles stay when off duty	y?			
		Answer question		No - Skip to 3				
	If off-base	e address of that or on-base hous , and ZIP code.		ouse number, street	! name,			
	House No.	 ·	Street nam	ne				
	Base name	e (if on-base)						
	City		State		ZIP code			
	3. Sex							
	Male Male	Male Female						
	4. Are you -	(Mark one box	r.)					
	☐ White		1	Asian Indian				
g _u		or Negro	!	Hawaiian				
ea//	☐ Japane			Guamanian				
or s	Chines		į	Samoan				
ne f	Korean		1	Eskimo Aleut				
ll s	Vietna		!	Other - Speci	fv.			
Fold along this line for sealing	Indian	(Amer.) - Print	tribe		<b>X</b>			
F0/	5. When were	you born?						
	Month		\	rear				
-	6. Marital sta	itus (Mark one b	юх.)					
	☐ Now ma	arried		Separated				
	☐ Widowe			Never married				
-	7. Are you of Spanish/Hispanic origin or descent?							
		(Mark one box.)  No (not Spanish/Hispanic)						
-		Yes, Mexican, Mexican-Amer., Chicano						
		Yes, Puerto Rican						
1	_	Yes, Cuban Yes, other Spanish/Hispanic						
-		e last 4 digits o		ecurity Number?				
	_							
	х	x   x   -	- x x					
	quastion 8.			2, please continue	with			
	All other p	ersons, stop here	e and return the	form.				

# Form D-23, Shipboard Census Report—Con.

8. Since February 1, 1980, have you attended regular school or college at any time? (Mark one box.)	-
Count elementary school and schooling which leads to a high school diploma or college degree.	
No, have not attended since February 1	-
Yes, public school, public college	
Yes, private, church-related	
Yes, private, not church-related	_
9. What is the highest grade (or year) of regular school you have ever attended?  Mark one box. If now altending school, mark the grade you are now in. If high school was finished by equivalency test (GED), mark "12."	
Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12	
College (academic year)           1 2 3 4 5 6 7 8 or more	
Never attended school Skip to 11	
10. Did you finish the highest grade (or year) attended? (Mark one box.)	
Now attending this grade (or year)	
Finished this grade (or year)	-1
Did not finish this grade (or year)	
11 Jambat Chata or facility and the chata	-
In what State or foreign country were you born?  Print the State where your mother was living when you were born.  Do not give the location of the hospital unless your mother's home and the hospital were in the same State.	
Name of State or foreign country; or Puerto Rico, Guam, etc.	-
12. If you were born in a foreign country —	-
a. Are you a naturalized citizen of the United States?	
Yes, a naturalized citizen	
◯ No, not a citizen	П
Born abroad of American parents	
b. When did you come to the United States to stay?	-
☐ 1975 to 1980 ☐ 1965 to 1969 ☐ 1950 to 1959	
1970 to 1974 1960 to 1964 Before 1950	
13a. Do you speak a language other than English at home?	-
Yes No, only speak English – Skip to 14	
b. What is this language?	-
(For example: Chinese, Italian, Spanish, etc.)	-
c. How well do you speak English?	
☐ Very well ☐ Not well	
☐ Well ☐ Not at all	
Page 3	

14.	What Is your ancestry?
	(For example : Afro-Amer., English, French, German, Honduran, Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.)
	Did you live on this ship five years ago (April 1, 1975)? If in college or Armed Forces in April 1975, report place of residence there.
	Yes, this ship Skip to 17
	No, different ship
T.	No, somewhere else
b.	Where dld you live five years ago (April 1, 1975)?
	(1) State, foreign country,
	Puerto Rico, Guam, etc.:
	12) County
	(2) County:
	(2) City town village atc.
	(3) City, town, village, etc.:
	(4) Inside the incorporated (legal) limits of that city, town, village, etc.:
	Yes No, in unincorporated area
	In April 1975 (five years ago) were you — On active duty in the Armed Forces?
ě.	
	Yes No
b.	Attending college?
	Yes No
c.	Working at a Job or business?
1	Yes, full time No
	Yes, part time
	Are you a veteran of active-duty military service in the Armed Forces of the United States?
(	Yes No - Skip to 19
	Was active-duty military service during —
-	(Mark a box for each period in which you served.)
	May 1975 or later
1	Vietnam era (August 1964—April 1975)
[	February 1955–July 1964 ─ Korean conflict (June 1950–January 1955)
[	World War II (September 1940–July 1947)
[	World War I (April 1917—November 1918)
[	Any other time
	Do you have a physical, mental, or other health condition which has lasted for 6 or more months and which
a. <u>1</u>	imits the kind or amount
	of work you can do at a job?
	Prevents you from working at a job?
c. I	chills of picyents you from
	ising public transportation?

# Form D-23, Shipboard Census Report—Con.

20. It you are temale —  How many bables have you ever had, not counting stillbirths?  Do not count stepchildren or children you have adopted.
None 1 4 7 10
25811
3 6 9 12 or more
21a. It you have ever been married — Have you been married more than once?
Once More than once
b. Month and year Month and year of marriage?
(Month) (Year) (Month) (Year)
c. It married more than once — Did your first marriage end because of the death of your husband (or wife)?  [7] Yes
22b. How many hours did you work <u>last week</u> (at all jobs)?  Subtract any time off and add overtime or extra hours worked.
Hours OR Did not work last week - Skip to 28
23. Did you work an this ship last week?
Yes - Skip to 28
No, different ship - Skip to 28
At what location did you work <u>last week?</u> If you worked at more than one location, print where you worked
most last week.  a. Address (Number and street)
If street address is not known, enter the building name, shopping center, or other physical location description.
b. Name of city, town, village, borough, etc.
c. Is the place of work inside the incorporated (legal) limits of that city, town, village, borough, etc.?
Yes No, in unincorporated area
d. County
e. State f. ZIP code
Page 5

24a. <u>Last week,</u> how long did It usu to work (one way)?	ally take you to get from home
Minutes	
	1
b. How did you usually get to world if you used more than one method the distance.	x last week?  od, give the one usuelly used for most
Car	☐ Taxicab
Truck	Matorcycle
[_] Van	Bicycle
["] Bus or streetcar	Walked only
[ ] Railroad	Worked at home
Subway or elevated	Other - Specity
If car, truck, or ven in 24b, go ( Otherwise, skip to 28.	'o 24c.
c. When going to work last week,	ild you usually —
Drive alone - Skip to 28	Drive others only
Share driving	Ride as passenger only
d. How many people, including you the car, truck, or van last week	
357 or	more
28-30 Current or most recent job ac	Hultu
Describe clearly your chief job If you had no job or business la last job or business since 1975 have not worked since 1974.	activity or business last week, st week, give information for
28. Industry	
a. For whom did you work? It on a print "AF" and skip to 31.	active duty in the Armed Forces,
b. What kind of business or Industr	ry was this?
29. Occupation	
a. What kind of work were you doin	ig?
30. Were you - (Mark one box.)	
Employee of private company, b individual, for wages, salary, or	usiness, or r commissions
Federal government employee .	🗀
State government employee	
Local government employee (cit	y, county, etc.)
Self-employed in own business, professional practice, or farm —	
	orporated
	rated
Working <u>without pay</u> in family b	usiness or farm
1	Page 6

#### Form D-23, Shipboard Census Report-Con.

31a. Last year (1979), did you work, even for a few days, at a paid job or in a business or farm? (Include military service.)  P Yes No - Skip to 31d
b. How many weeks did you work in 1979?  Count paid vacation, paid sick leave, and military service.
Weeks
c. During the weeks <u>worked</u> in 1979, how many hours did you usually work each week?
d. Of the weeks not worked in 1979 (If any), how many weeks were you looking
for work or on layoff from a job?
32. Income In 1979 – Mark boxes and print dollar amounts.
If net income was a loss, write "Loss" above the dollar amount. If exact amount is not known, give best estimate.
During 1979 did you receive any income from the following sources?  If "Yes" to any of the sources below — How much did you receive for the entire year?
a. Wages, salary, commissions, bonuses, or tips from all jobs Report amount before deductions for taxes, bonds, dues, or other items.
Yes
b. Own nonfarm business, partnership, or professional practice  Report <u>net</u> income after business expenses.
Yes
c. Own tarm  Report <u>net</u> income alter operating expenses. Include earnings as a tenant farmer or sharecropper.
Yes \$ .00  \[ \text{No}  \text{(Annual amount Dollars)}
d. Interest, dividends, royalties, or net rental income  Report even small amounts credited to an account.  Yes
No (Annual amount — Dollars)
e. Social Security or Railroad Retirement  Yes
t. Supplemental Security (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments
Yes
g. Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly  Exclude lump sum payments such as money from an inheritance or
the sale of a home.  Yes
33. What was your total income in 1979?
S00 OR None (Annual amount — Dollars)  Add entries in questions 32a through g; subtract any losses. If total amount was a loss, write "Loss" above amount.
Page 7

#### AFTER COMPLETING THIS FORM -

- 1. Please check it to be sure you have answered all the required questions completely.
- Then fold the form the way it was given to you and seal it with the gummed flap. Please return your form to the person in charge of distributing these reports.

Thank you for your cooperation.

This form may be reproduced if additional copies are needed.

☆ U S GOVERNMENT PRINTING OFFICE 1979-659 271

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#### Form D-25, Were You Counted? (English)

"Were You Counted?" forms were prepared in 33 languages as well as English—Arabic, Armenian, Bulgarian, Cambodian, Cebuano, Chinese, Croatian, Czech, Estonian, French, German, Greek, Hungarian, Ilocano, Italian, Japanese, Korean, Laotian, Latvian, Lithuanian, Navajo, Persian, Polish, Portuguese, Russian, Samoan, Serbo-Croatian, Slovene, Spanish, Tagalog, Ukrainian, Vietnamese, and Yiddish. The English, Cambodian, Korean, and Spanish versions are reproduced here.



### WERE YOU COUNTED?

The 1980 Census of Population and Housing is now almost finished. It is very important that the census be complete and correct. If you believe that you (or anyone else in your household, including visitors) were NOT counted, please fill out the form below and mail it IMMEDIATELY to: U.S. Census Office

			PLEASE PR	INT OR	WRITE CLEAF	RLY			
I have checked with the	members of my household	d, and I be	lieve that one (or n	nore) of u	s was NOT coun	ted in the 1980	Census.		
On April 1, 1980, I lived	at								
	(House no	umber)	(3	Street, ro	ad, etc.)			(Apartmen	number or location)
	(City)		(0	County)		(Sta	nte)		(ZIP code)
This address is located	between	(Stree	et, road, etc.)		and		(Str	eet, road, etc.)	
am listing below the na	ame and required informat			ber of my	household.		(0.1.)	, , , , , , , , , , , , , , , , , , ,	
			OR WHOM TO IN	CLUDE	IN YOUR HOU	SEHOLD: API	RIL 1, 1980		
	PLEASE INCLUD						DO NOT INC		
	other relatives living he		ng bahies.	1	-	tudent who stay			
	and other persons living by I live here but are tempo		,	į	home for the	way from nere in aged or mental h	tne Armed Foi ospital.	ces or in an in:	stitution such as a
All persons with a home	e elsewhere but who stay				Any person w	ho usually stays	somewhere el	se most of the	week while
working or attending co Anyone staying or visit	ing here who had no othe	r home.				siting here who	has a usual ho	me elsewhere.	
ON AF AND THOSE STA WHO HAD N	IS LIVING IN THIS HOUS PRIL 1, 1980 LYING OR VISITING HEF NO OTHER HOME a household member who	RE	How is this person related to the person on line 1? For exemple: Husband /wife Son daughter Father /mother Grandson Mother-in-law Hoomer, boarder Partner, roommate	Male or Female M or F	Is this person - White Black (Negro) Japanese Chinese Filipino Korean Vietnamese Indian (Amer.) Print tribe	Asian Indian Hawailan Guamanlan Samoan Eskimo Aleut Other —	When was this person born?	is this person —  Now married Widowed Divorced Separated Single (never married)	Is this person of Spanish Hispanic origin or descent? No — Not Spanish/ Hispanic  Yes — Mexican Mexican—American Chicano Puerto Rican Cuban Other Spanish/ Hispanic
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I there are more than 6 plame of person who illed this form  DEPARTMENT OF CREAU OF THE CENSURM D-25	oersons, use an additiona OMMERCE s		Form Approved: .B. No. 41-S78006	by law confide for any	to answer the	questions to the answers. Cension answers. On	e best of your us employees a ly after 72 yea	knowledge. The	le, and you are required e same law protects the ne apd/or imprisonment formation become avail-

#### Form D-25S, Were You Counted? (Spanish)

## ¿FUE USTED CONTADO?



Yo está casi terminado el Censo de Pobloción y Viviendo de 1980. Es muy importante que el censo sea completo y exacto. Si cree que usted (o cuolquiera otra persona en su hogar, incluyendo visitantes) NO fue contado, tenga lo bondad de completar el formulario que oparece impreso abajo y enviarlo por correo INMEDIATAMENTE o: U.S. Census Office

	(Número de	e la casa)	(Ca	lle, carrete	era, etc.)		(/\	lúmero	o localizació	n del apartamento)
	(Cludad)		(Conda	ado)		(Esta	ido)		(Co	ódigo ZIP))
Esta dirección está situada entre		(Calle o	carretera, etc.)		у	100	ille, car	rotora	otc 1	
A continuación he anotado el non	nbre y la informac			miembro de	e mi hogar.	(Ca	irie, car	retera	, 8(0.)	
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ualquiera otra persona que se qu	eda aquí o está de	visita aq		ogar. e	n otro lugar.					
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#### Form D-25, Were You Counted? (Cambodian)



รดมา ช่ฎกซูญภูลชญี วินิระ วัลถียุลรตีพูชู 🤉

ការជំរុះទីនលំទាប់ឆ្នាំ១៩៨០ ខែត្រូបជាពលរដ្ឋនិងទីលំខែចាំជិតចច់អស់ ហើយ ។ គឺជាការលំខាន់យាល់ ដែលការជំរុះទីនខេះ ត្រូវ ដើរអាយធន្លាត់ ទីពុក្ស ហើយបញ្ជូនប់ផង ។ បើអ្នកដឹងថា ខុនអ្នកឬអ្នកណា មួយ នៅក្នុងផ្ទះសរ៍មន្ត្រមនុស្សកម្មិនធ្ង បញ្ហាល់ ខេ ដោយគិតទាំង ស្វៀវផង លុមអ្នកបរិពេញក្រដាល ទីខាង ក្រែខាម នេះ ហើយ ធ្វើរទៅយ៉ាងប្រញាំប់ ទេ។ ការ និយាលយ៍ជំរុះទីនប្រជាជននៃសហរដ្ឋអា ខេនិក ។

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ะที่ยา ลมลดเระบบีลสากาก	ัยพลา ที่เจาไญ้เรเบียกสาย			กับเก็บสา	ញ់ ការដើមទៀតខេត្តបានកង្គការតិ ដេ ញើយប្បាប់បានជម្រូវ កោយដើរ្លីយន្តវិស័ព្ទ	าพส์ถูกรณต	on ti	ເອາ ເສາ	

#### Form D-25, Were You Counted? (Korean)



# 당신도 인구조사에 참가했읍니까?

1980년도 인구, 주택조사도 일단 끝났읍니다. 그러나 중요한것은 이번 조사가 정확하고도 완전해야 한다는 것입니다. 만일 당신이나 당신가족, 동거인 (또는 방문자) 가운데 이번 조사에 누락된 사람이 있다면 아래 서식에 적어서 아메리카합중국 국민조사국 앞으로 즉시 우송해 주십시오.

포함) . · 사람.		수 수 <u>스트리 - 트 (</u> 동거인 속에 포함시킬것인가?	<u> 로 ~ 드)</u>	ې ع	번번호 사이 (또는 부근
은 아래와 같습니 (기재: 포함) . · 사람.		스트리-트 (	로 ~ 드)		
(기재: 포함) . · 사람.					
포함) . · 사람.	요령) 누구를 가족. 원				
나는 자기 생기 수 5 - 방문중인 사람,		포함되지 대학에 다니기 위해 집을 군대 또는 양로원이나 : 직장에 다니기 위해 주: 다른 주소에 살면서 잠	정신병원같은 리 대부분을	시설에 들어간 다른곳에 체류:	사람.
사 당 아 아 손 고 라 동	함과의관계, 남자 (F) 면 / 아버 등 / 당는 여자 (M) 대자 / 어머니 자, 손녀 부. 동거인 숙자. 세든사람 업자 또는	이 사람은 - 광인 박인 씨모아인 후인 에스키모 아메리카인디언 -인 일본인 어큐션인 중국인 기타 필립핀인 (명기한것) 한국인 베트남인 인도인	충생한 년 월	건혼관계 기혼 배우자사망 이혼 별거궁 미혼	이 사람은 — 스 제인/중남이제 사람입니까? 아니오, 네, 멕시코인 멕시코케 이국인 처카노인 무에무토리코인 쿠바인
이둘네임의 이니지얼			월 년	1	기타 스페인/ 중남미계사람.
	첫 사 남 아 수 존 동 동 동 당	첫째간①에기재된 성 별 사항과의관계, 남편/아내 아듣/말 아버지/어머니 손자, 손녀 고부. 동거인 하숙자, 세든사람 동업자 또는 몽메이트	첫째간①에기재된 성 별 이 사람은 - 광인 싸모아인 날전 / 아내 아들 / 딸 여자 (M) 아테기카인디언 -인 일본인 어뮤션인 충국인 기타 모임 또는 동대이트 등에이트 이니시얼 하숙자. 세근사람 동메이트 무입기다 이 인구조사는 항증국 법규13	첫째간①에기재된 성 별 이 사랑은 광인 송생한 나가 (F) 남편 / 아내 아는 / 말 아버지 / 어머니 손자, 손녀 고부. 동개인 하숙자. 세든사람 동업자 또는 동메이트 이들네임의 이니시얼 전 10 10 10 10 10 10 10 10 10 10 10 10 10	첫째간①에기재된 성 별 이 사람은 - 광인 숙쟁한 전혼관계 반강 아내 아는 / 말 나가 (F) 또는 어는 / 말 어머니 같지. 소녀 교부. 동거인 하수자. 세든사람 동업자 또는 동메이트 이들네임의 이니시얼 의미시얼 의미시얼 의미시얼 의미시얼 의미시얼 의미시얼 의미시얼 의미

#### Form D-29, Overseas Traveler's Report

#### Cover (front)

#### U.S. DEPARTMENT OF COMMERCE

Bureau of the Census Washington, D.C. 20233

D-29

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Bureou of the Census Michoud Assembly Facility Building 220 Attn: Clearinghouse 13800 Old Gentilly Road New Orleans, Louisiana 70129

#### Cover (back)



- This Official 1980 Census Form is for Americans residing in the U.S. but visiting outside the U.S. on Census Day April 1, 1980.
  - If there is someone at home to report you to the census taker, you do not have to fill out this form,
  - If there is no one at home to report you to the census taker, please fill out this form.
    - If possible, please complete and mail this form before leaving the U.S.; no stamp is needed.
    - If you complete this form after leaving the U.S., please affix airmail postage and mail it back as soon as possible.

Thank You.

# Form D-29, Overseas Traveler's Report—Con.

My home address is _	(House number)	(S	Street, roa	d, etc.)	(	Apartment numb	per or location)
_	(City)	(0	County)		(State)		(ZIP code)
This address is located		e of street, road, etc.)		and	(Name	of street, road,	etc.)
ADDRESS AND TRAV	SONS LIVING AT THE ABOVE ON APRIL 1, 1980 'ELING WITH YOU Line ① the person nts the home	For example: Husband/wife Son/daughter Father/mother Crandson Mother-in-law Roomer, boarder	Male or Female M or F	White Asian India Black (Negro) Hawaiian Indian (Amer.) Guamanian Japanese Samoan Chinese Eskimo Filipino Aleut Korean Other — Vietnamese Specify	When was this person born?	Is this person —  Now married Widowed Divorced Separated Single (never married)	Is this person of Spanish/Hispanic origin or descent? No — Not Spanish/Hispanic Yes — Mexican, Mexican—Amer., Chicano Puerto Rican Cuban
Last name		iddle Partner, roommate			Month Year		Other Spanish/ Hispanic
) ) ) ) ,							
)							
)	!						
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	persons, use an additional for  S USE  Block No.	Form Approved:  O.M.B. No 41-578006  FORM D-2'9	by lav confic for a	CE — This census is authori w to answer the questions to dentiality of your answers. C ny disclosure of your answe able to other government agen	the best of you Census employees ers. Only after	r knowledge. s are subject to 72 years does	The same law protect fine and/or impriso

**BUREAU OF THE CENSUS** 



WASHINGTON, D.C. 20233

# 1980 Census of Population and Housing VIRGIN ISLANDS

TO THE ENUMERATOR:

- 1. Fill section A on this page.
- 2. Fill pages 1 through 4.
- 3. Fill a pair of facing pages for each person listed on pages 2 and 3.
- 4. Complete page 20.

Secti	ion A
Location or address	
D.O.	A1. ED number
A4. Block number	A6. Housing unit serial number

#### Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

Please continue

Form D-80 VI

Form Approved: O.M.B. No. 41-S79065

Page 1

#### Question 1

#### List in Question 1

- Family members living here, including babies still in the hospital
- · Relatives living here
- · Lodgers or boarders living here.
- ·Other persons living here
- College students who stay here while attending college, even if their parents live elsewhere.
- Persons who usually live here but are temporarily away (including children in boarding school below the college level)
- Persons with a home elsewhere but who stay here most of the week while working

#### Do Not List in Question 1

- Any person away from here in the Armed Forces.
- Any college student who stays somewhere else while attending college.
- Any person who usually stays somewhere else most of the week while working there.
- Any person away from here in an institution such as a home for the aged or mental hospital.
- Any person staying or visiting here who has a usual home elsewhere.

here on Tuesday, April 1, 1980, or who was staying or visiting here and had no other hom								
	· - · · · · · · · · · · · · · · · · · ·							

1. What is the name of each person who was living

#### Note

If everyone here is staying only temporarily and has a usual home elsewhere, please mark this box  $\square$ .

Then please:

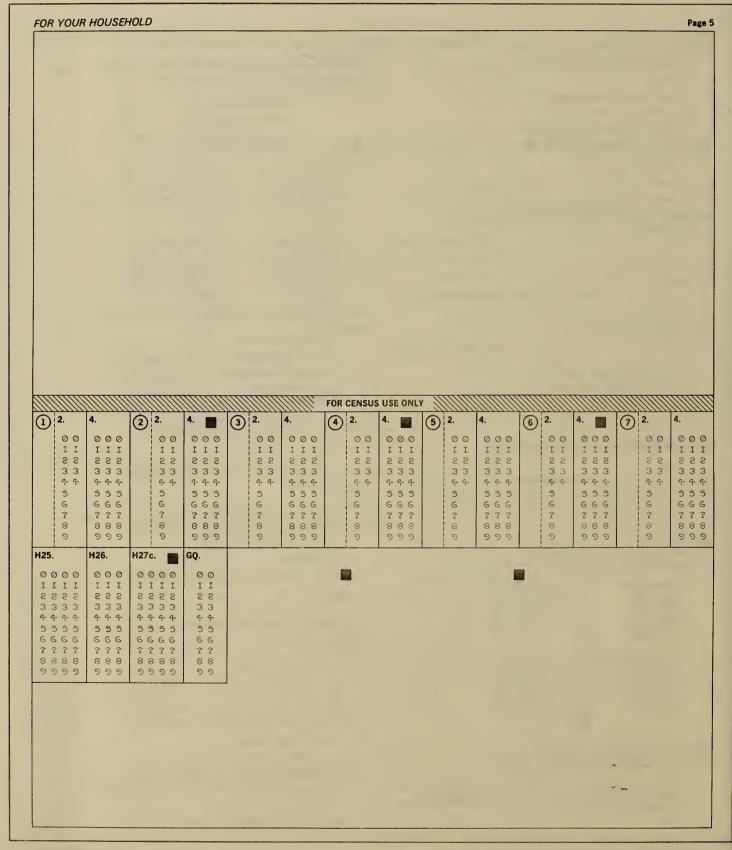
- ask the double underlined questions on pages 3 and 4 only,
- enter the address of this household's usual home on page 20.

Please continue

Page 2	$\longrightarrow$	ALSO ANSWE	R THE HOUSING QUE	STIONS ON PAGE	<i>3</i> .	
Here are the	These are the columns	PERS	ON in column 1	PERSO!	N in column 2	
OUESTIONS	for ANSWERS					
↓	Please fill one column for each person listed in Question 1.	Firet name	Middle i	nitial First nome	Middle initio	First
in column 1):  Fill one circle  If "Other rela	t. htive" of person in column 1, relationship, such as mother-in-law,	member (or or name the hom	s column with the househo ne of the members) in who se is owned or rented. such person, start in this any adult household memb	Se Brother/siste	e Father/mother r Other relative r son in column 1:	If r
	not evident by name or n. Fill one circle.	Male	Female	Male	Female	
Fill one circle		Black or N White	egro Other — Specify	Black or Negr White	o Other — Specify	
	s age, month, and year of birth?	a. Age at last birthday	c. Year of birth	a. Age at last birthday	c. Year of birth	17
a. Print age at	last birthday.  and fill one circle.	b. Month of	1 • 8 Ø Ø Ø 9 1 1	b. Month of	9 1 1	Ь
	the spaces, and fill one circle	Jan.—Mar. Apr.— June July—Sept. Oct.—Dec.	7 7 8 8	Jan.—Mar. Apr.—June July—Sept. Oct.—Dec.	2 2 3 3 4 4 5 5 6 6 6 7 7 8 8 9 9	
. What is's	s marital status?	Now marrie	ed Divorced	Now married	Divorced	H
Fill one circle.		Consensua married Widowed	lly Separated	Consensually married Widowed	Separated Never married	
descent?  Fill one circle	anish / Hispanic origin or	Yes, Puerto Yes, Cuban		Yes, Puerto Ri Yes, Cuban	ish/Hispanic) can anish/Hispanic	7
regular scho	ary 1, 1980, has attended ool or college at any time? . Count Head Start, pre-kindergarten.		t attended since February 1		ttended since February 1	$\prod$
	elementary school, and schooling o a high school diploma or college		e, church-related e, not church-related		church-related	
. What is the	highest grade (or year)	Highest grade a	ttended:	Highest grade atte	inded:	17
Fill one circle	chool has ever attended?  ing school, mark grade f high school was finished		garten <u>Kindergarten</u> ugh high school (grade or yee 6 7 8 9 10 11 12		ten Kindergarten high school (grade or year) 7 8 9 10 11 12	Ē
by equivalenc	y test (GED), mark "12."		c year) 6 7 8 or more anded school — Skip question	College (academic you 1 2 3 4 5 6 Never attende		<u>C</u> o
attended?	th the highest grade (or year)	Finished th	ding this grade (or year) is grade (or year)	Finished this	g this grade (or year) grade (or year) this grade (or year)	1
Fill one circle	•		sh this grade (or year)	Α	this grade (or year)	H
		CENSUS USE	A	CENSUS USE A	I N	cl.

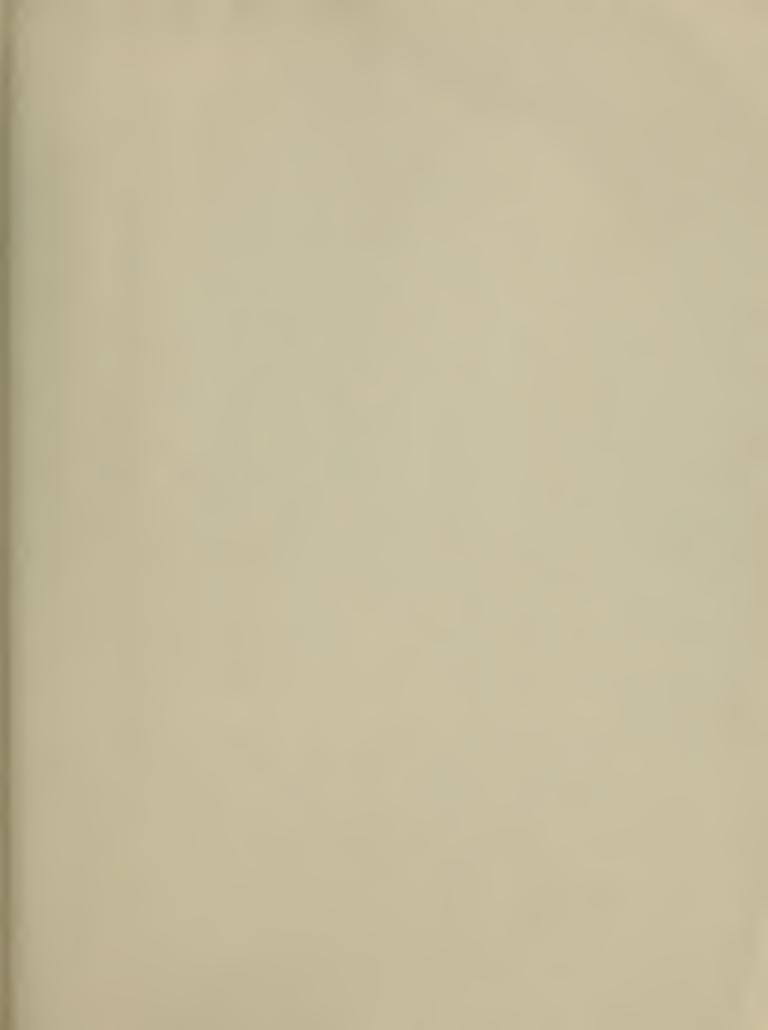
No.   Proceedings   Proceedings   Proceedings   Proceedings   Proceded		· ·	
H2. Did you list anyone in the list of persons living here who is away from homes now — for example, on a section or in a hought?  Yes — Determine whether — No person should remain listed.  H3. Is anyone visiting here who is not already listed?  Yes — Determine whether — No to sold person.  H4. Do you enter your living quarters —  Directly from the outside or through a commoner public hall?  Through somerone desis living quarters?  H5. When old — (Fesser name of person in column 1) move into this house of crapartment)?  H6. Which best describes this building?  H7. Sold a foreign of the sold of person in this building?  Was a person in column 1) move into this house of crapartment; first, etc., even if vocant.]  A non-lamily bouse detached from any other house A building for 3 or 4 families.  A building for 30 or 4 families.  A building for 30 or 4 families.  A building for 30 or 4 families.  A building for 20 to 49 families.  A building for 20 to 49 families.  A building for 20 to 49 families.  A building for 20 or 40 families.  A building for 20 to 49 families.  A building for 30 or 6 families.  A mobile home or trailer.  Boat  Tent, van etc.  H14. Is this hot hot and cold piped water in this building?  Yes, for this building?  Yes, connected to subtice the family with the was remodeded, added to,	roal	because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?  Yes — Determine whether  No	A public system?  A cistern, tanks or drums?  A public standpipe or street hydrant?  Some other source (individual well,
H11. Is there hot and cold piped water in this building Yes — Determine whether No add person.  H4. Do you enter your thing quarters — Directly from the outside or through a commonor public hall? Through someone else's living quarters? H5. When did (merst name of person in column 1) move into this house (or apartment)? 1979 or 1980	1	H2. Did you list anyone in the list of persons living here who is away from home now — for example, on a vacation or in a hospital?	
H4. Do you enter your living quarters  Directly from the outside or through a commonor public half? Through somene else sliving quarters?  H5. When did (insert name of person in column I) move into this house (or apartment)?  H5. When did (insert name of person in column I) move into this house (or apartment)?  H6. Which best describes this building?  (Include all apartments, flets, etc., even II vocant.)  A one—lamily house datached to one or more house  A Duilding for 2 families  A Duilding for 2 families  A Duilding for 3 or 4 families  A Duilding for 5 to 9 families  A Duilding for 5 for or more families  A Duilding for 5 for or more families  A Duilding for 5 for or more families  A Duilding for 50 or more families  A Duilding for 10 to 19 families  A Duildin		person should remain listed.  H3. Is anyone visiting here who is not already listed?  Yes — Determine whether  No	What type of energy does your water heater
H5. When did (insert name of person in column 1) move into this house (or apartment)?  1979 or 1980	}	© Directly from the outside or through a commonor public hall?	Electricity Other fuels Solar energy
house (or apartment)?  I 197 or 1980	/		_
H13. Is there a flush toilet in this building?   Include all apartments, flets, etc., even if vacant.)		house (or apartment)?  1979 or 1980 1950 to 1959 1975 to 1978 1949 or earlier 1970 to 1974 Lived here since birth	Yes, for this household only Yes, but also used by another household
Include all apartments, flats, etc., even if vacant.	V		H13. Is there a flush toilet in this building?
A building for 20 to 49 families A building for 50 or more families A building for 50 or more families A building for 50 or more families A mobile home or trailer Boat Tent, van, etc.  H7. About when was this building originally built?  Mark when the building was first constructed, not when It was remodeled, added to, or converted.  1979 or 1980 1975 to 1978 1970 to 1978 1970 to 1974 1970 to 1974 1970 to 1974 1970 or 1960 to 1969  H8. How many rooms do you have in your living quarters? Do not count bathrooms, porches, balconles, halls.  1 room 2 rooms 3 rooms 6 rooms 9 rooms or more  Ad. Block number 1 unmber  Ad. Block number 1 i i i i  For CENSUS USE  Ad. Block number 1 to 1 i i i i  For census use  For Vacant Units Cocupied 1 i i i i i  Vear round use Seasonal—Skip C2, C3, and O. 1 up to 2 years 1 up to 2 years 1 up to 2 years 2 or more years 1 up to 2 years 1 up to 2 years 1 up to 2 years 2 or more years 1 up to 2 years 1 up to 2 years 1 up to 2 years 2 or more years 1 up to 2 years 2 or more years 1 up to 2 years 2 or more years 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 5 4 4 4 4		(Include all apartments, flats, etc., even if vacant.)  A one — family house detached from any other house  A one — family house attached to one or more houses  A building for 2 families  A building for 3 or 4 families	household only Yes, but also used by another household  Salt water? Fresh water?
H14. Is this building connected to a public sewer?  Yes, connected to public sewer?  Yes, connected to public sewer?  No, connected to septic tank or cesspool  No, use other means  H15. Is there a refrigerator in your living quarters?  No end count bathrooms, proches, balconies, halls.  I room		A building for 10 to 19 families A building for 20 to 49 families A building for 50 or more families	
Mark when the building was first constructed, not when it was remodeled, added to, or converted.  1979 or 1980 1975 to 1978 1970 to 1974 1960 to 1969  H8. How many rooms do you have in your living quarters?  Do not count bathrooms, porches, balconies, halls.  1 room 2 rooms 5 rooms 9 rooms 7 rooms 7 rooms 7 rooms 9 rooms 9 rooms of rooms 9 rooms of rooms 9 rooms of rooms 9 rooms of rooms 1 I I I I I I I I I I I I I I I I I I I	-	Boat	
remodeled, odded to, or converted.  1979 or 1980 1975 to 1978 1940 to 1949 1970 to 1974 1939 or earlier 1960 to 1969  18. How many rooms do you have in your living quarters?  Do not count bathrooms, porches, balconies, halls.  1 room 2 rooms 5 rooms 8 rooms 7 rooms 7 rooms 9 rooms 9 rooms 10 rooms 1			
1975 to 1978		remodeled, added to, or converted.	
H8. How many rooms do you have in your living quarters?  Do not count bathrooms, porches, balconies, halls.  Yes, a central air-conditioning system  Yes, 1 individual room unit  Yes, 2 or more individual room units  No  FOR CENSUS USE  A4. Block number  Occupied  Occupied  For Vacant Units  C1. Is this unit for —  Year round use Seasonal — Skip C2, C3, and D.  Yes, 2 or more individual room units  Yes, 2 or m	(	O 1975 to 1978 O 1940 to 1949	
Do not count bathrooms, porches, ballconies, halls.  1 room	)	○ 1960 to 1969	
2 rooms 5 rooms 8 rooms 9 rooms or more No  A4. Block number  A6. Serial number  Occupied  For CENSUS USE  A4. Block number  Occupied  For Vacant Units C1. Is this unit for —  Year round use Seasonal — Skip C2, C3, and D.  Yacant  Regular  Usual home elsewhere  Vacant  Vacant  Vacant  Regular  Usual home elsewhere  Very round use Seasonal — Skip C2, C3, and D.  C2. Vacancy status  For rent For sale only Rented or sold, not occupied Held for occasional use  Pan / F. Total person  1 up to 2 months C2 up to 6 months C3 and D. C4 years C5 or rent For sale only Rented or sold, not occupied Held for occasional use  Pan / F. Total person  Cannot be recommended by the formal person  C3 years C4 years C5 or rent For sale only Rented or sold, not occupied Held for occasional use  C4 years C5 or rent For sale only Rented or sold, not occupied Held for occasional use  C5 or rent For sale only Rented or sold, not occupied Held for occasional use  C6 or rent For sale only Rented or sold, not occupied Held for occasional use  C7 or rent For sale only Rented or sold, not occupied Held for occasional use  C7 or rent For sale only Rented or sold, not occupied Held for occasional use  C7 or rent For sale only Rented or sold, not occupied Held for occasional use	<i>F</i>	Do not count bathrooms, porches, balconles, halls.	
A4. Block number    A5. Serial number   D. Months vacant   D. Vaca		2 rooms 5 rooms 8 rooms	
number number Occupied Seasonal—Skip C2, C3, and D. C2 up to 6 months C2 up to 6 months C3 up to 12 months C4 up to 12 months C5 and D. C2. Vacancy status  For rent For sale only Regular Usual home elsewhere Seasonal use Other vacant Held for occasional use C5 up to 12 months C5 c3 up to 6 months C6 up to 12 months C7 up to 2 years C7 or more y	1	FOR CENSUS USE	
Continuation  Vacant  Regular Usual home elsewhere  Vacant  Regular  For sale only  Rented or sold, not occupied Held for occasional use  Other vacant  Regular  Regular  Rented or sold, not occupied Held for occasional use  Other vacant  Regular  Rented or sold, not occupied Held for occasional use		number number Occupied C1. Is this of Year of	unit for — Less than 1 month persons  ound use C 1 up to 2 months  nal — Skip C 2 C 3
For sale only    Susual home   Possible   For sale only   Rented or sold, not occupied   For sale only   Rented or sold, not occupied   For sale only   For sa	v o.	I I I I I Vacant	and D. 6 up to 12 months 1 1 1 1 1 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3
Herd for occasional use		S S S Regular For sa  Usual home Renter	le only d or sold, not occupied E. Indicators 3 3 3 4 4 4 4 4 4 4 5 5 5
		Held f	or occasional use

17 Haw many s	utomobiles was a "	ha America are bent of the con-	1124 (64) (124)	ALSO ANSWER THESE	<u> </u>
	nembers of your househ	ht trucks are kept at home	H24. If this is a one-family house or a condon	inium unit which is owned	CENSI
	pany - owned vehicles kepi		or is being bought — What is the value of this property, the	nat is how much do you think	USE
	very - owned verneres kept	di nome.	this property (house and lot or condon		H19a.
O None			if it were for sale? Do not ask this que		00
O 1 automo	bile, or truck, or van, etc.		A mobile home or t		I I
O 2 automo	biles, or trucks, or vans, etc		A mobile nome of t	rallor	8 8
			A house on 3 or mo	re acres	3 3
O 3 or more	automobiles, or trucks, or	vans, etc.	A house with a com	mercial establishment	9- 9-
18 Which fuel i	s used most for cooking	,	or medical office on		5 5
10. Willelf Idel I	J used invertor cooking				6 6
O Gas: bott	led or tank	O Wood	O Less than \$10,000	\$50,000 to \$54,999	7 ?
O Electricity		Other fuel	0 \$10,000 to \$14,999	\$55,000 to \$59,999	8 8
Clectricity		,	O \$15,000 to \$17,499	\$60,000 to \$64,999	9 9
O Fuel oil, k	erosene, etc.	No fuel used		\$65,000 to \$69,999	H19b.
10 What are the	a anote of utilities and fo	rate for your living guardans?		\$70,000 to \$74,999	00
a. Electricity		els for your living quarters?	○ \$22,500 to \$24,999 ○	\$75,000 to \$79,999	I I
a. Liectricity			0 405 000 4 407 400	*******	S S
•	.00 0	O Included in rent or no charge		\$80,000 to \$89,999	3 3
		Electricity not used		\$90,000 to \$99,999	0- 0-
Averag	e monthly cost			\$100,000 to \$124,999	5 5
b. Ges				\$125,000 to \$149,999 \$150,000 to \$199,999	6 6
		O Included in rent or no charge		\$200,000 or more	7 7
\$	.00 0	OR CONTRACTOR OF THE CONTRACTO	\$45,000 to \$45,555	\$200,000 or more	8 8
Averag	e monthly cost	O Gas not used	Please ask H25-H27, If this is a one-family	house which is owned or being bought,	9 9
			unless this is -		H19c.
c. Water			A CONDOMINIUM UNIT	)	1
		O Included in rent or no charge			0 0
\$	.00 0	R	A mobile home or trailer	if any of these, or if this is	II
Averag	e monthly cost		A house on 3 or more acres	a multi-family structure,	S S
			a A have with a second stall	skip H25 to H27	3 3
d. Fuel oil, k	erosene, etc.		A house with a commercial establishment or medical offi	and turn to page 6.	5 5
		O Included in rent or no charge	on the property	ce	6 6
<b>3</b>	.00 0	These fuels not used	on the property		7 7
Y	early cost	o mese racis not asca	H25. What were the real estate taxes on	this property last year?	8 8
20. Is this apart	ment (house) part of a c	condominium?		O N	9 9
	mont (modes) part or o		\$ .00 OF	R O None	-
O Yes		⊃ No	HOC What is the annual in a live for fire	and beauty in the second in th	H19d.
			H26. What is the annual premium for fire on this property?	and nazard insurance	000
21. Are your livi	ng quarters —		on the property:		III
Owned or	being bought by you or by	someone in this household?	\$ .00 OF	R O None	3 3 3
O Rented fo	r cash rent?				999
<ul> <li>Occupied</li> </ul>	without payment of cash	rent?	H27a. Do you have a mortgage or similar	debt on this property?	355
00 44 6					666
	s who rent their living quar				7 7 7
	monthly rant? If rent is no		O No,—Skip to page 6.		888
see the Questi	onnaire Keterence Book on	how to figure monthly rent.	b. Do you have a second or junior me	ortgage on this property?	999
<ul> <li>Less than</li> </ul>	\$50	\$160 to \$169	5. 55 you have a second or junior the	or despo on time property:	mm
O \$50 to \$5		\$170 to \$179	7 Yes 5	No	VIIIII
O \$60 to \$6		\$180 to \$189			MILLE
O \$70 to \$7		\$190 to \$199			
O \$80 to \$8	9	\$200 to \$224	c. How much is your total regular mo	onthly payment to the lender?	MILLI
O \$90 to \$9	9	\$225 to \$249	Also include payments to lenders holdi	ng second or junior mortgages	VIIIII
			on this property.		VIIIII
O \$100 to \$		\$250 to \$274			MILLI
O \$110 to \$		\$275 to \$299			MILL
O \$120 to \$		\$300 to \$349	\$ .00 OF	The state of the s	
O \$130 to \$		\$350 to \$399		required — Skip to page 6.	IIIIII
0 \$140 to \$		\$400 to \$499	d. Does your regular monthly paymen	nt (amount entered in H27c)	
O \$150 to \$	129	\$500 or more	include payments for real estate to		MILLIA
					MILL
			Yes, taxes included in payment		VIIIII
	-family house -		No, taxes paid separately or taxes n	ot required	Allli
23. If this is a one		more acres?	ivo, taxes paid separately or taxes in	ot required	
	ise on a property of 3 or		e. Does your regular monthly paymen	t (amount entered in H27c)	1111111
		) No	e. Does your regular monthly paymen	it (amount entered in 11276)	41111111
		O No	include payments for fire and haz		
Is this hou     Yes		No     a commercial establishment	include payments for fire and haz	ard insurance on this property?	
Is this hou     Yes	t of the property used as			ard insurance on this property?	



12. // this prose was born in a foreign country  12. // this prose was born in a foreign country  13. is a naturalized citizen of the United States?  Ves. a naturalized citizen of the United States?  No. on a citizen  Born abroad of American parents  b. When did come to the United States of th	Page 6							ANSWER	THESE (	QUESTIONS F
Puerto Rico United States Other — Seecily—  12. If this person well born in a foreign country— 13. Is a naturalized citizen of the United States? Yes, a naturalized citizen of the United States? No, not a citizen No, not a c	Person 1 on page 2  Last name First name Middle initial  11. Where was born? If born in a hospital, give residence of the mother, not location of hospital. Fill one circle. Born in:		outside the for 6 or more Yes  When did (the last time) 1979 or	virgin Islands e consecutive . come or retu	of the United months?  No – Skip to rrn to the Virgin	17 Islands	FIII a cird May May Vietr Febru Kore	cle for each peri 1975 or later nam era (Augus uary 1955 — Ju an conflict (Jur d War II (Septe d War I (April	t 1964–Apr. uly 1964 ne 1950–Jan mber 1940–	served. il 1975) uary 1955) July 1947)
d. How long did live in that place (16c) the last time?  1975 to 1980	Puerto Rico United States Other — Specify — Name of country  12. If this person was born in a foreign country — a. Is a naturalized citizen of the United States? Yes, a naturalized citizen No,not a citizen	c	. Where did to the Virgin     United St.     Puerto Ric     British V.I	. live just bef Islands the I ates	1970 to 19 ore coming (cast time? Antigua St. Kitts	or returning)	condition and whic a. <u>Limits</u> of w b. <u>Prever</u> at a c. <u>Limits</u>	which has lath — the kind or an ork can do tts from w job? or prevents.	nount o at a job?.	r more months Yes No
13a. In what country was	b. When did come to the Virgin Islands to stay?  1975 to 1980 1960 to 1964  1970 to 1974 1950 to 1959	d	time?  6 months up to 1	year c		How man ever had, stillbirths Do not con	y babies has not counting? ant her stepchild	she None	1 2 3 4 5 6 C = C C C C	
Common   Country   Ship to   Ship	Virgin Islands of the United States Puerto Rico United States Other — Specify——	•	For the last of the Virgin (1) Working (full or	6 months tha Islands was . at a job or bu part time)?	t lived outs	side No		Fill this circle in person worked time or part time (Count part time such as deliver	if this Offull The. The work The papers,	No — Fill this circl if this person did not work or did only o housework, school work
a. On active duty in the Armed Forces of the United States?  • Yes No, only speaks English — Skip to 1Sa  b. What is this language?  • Lattending college? • Yes, on No  • C. Working at a job or business? • Yes, on layoff or work during the last 4 weeks? • Yes, on layoff or work during the last 4 weeks? • Yes, on layoff or work during the last 4 weeks? • Yes, part-time  19a. Is a veteran of active duty military service in the Armed Forces of the United States? If service was in National Guard or Reserves only, see the Questionnaire Reference Book. • Yes No — Skip to 20  • No, other reasons (in school, etc.) • Yes, could have taken a job last week? • No, other reasons (in school, etc.) • Yes, this house — Skip to 16a • No, other reasons (in school, etc.) • Yes No — Skip to 20 • No, other reasons (in school, etc.) • Yes No — Skip to 20 • Yes ONO — Skip to 20 • No, other reasons (in school, etc.) • Yes ONO — Skip to 20 • No, other reasons (in school, etc.) • Yes ONO — Skip to 20 • No, other reasons (in school, etc.) • Yes ONO — Skip to 20 • No, other reasons (in school, etc.) • Yes ONO — Skip to 20 • No, other reasons (in school, etc.) • Yes ONO — ONO	Virgin Islands of the United States Puerto Rico United States Other — Specify —	17.	Enumerator — O Born befo	- Mark when the April 1965 - Mark when the April 1965 - Mark westion 18 if bo	nis person was bo — Ask questions rn April 1960 to — Turn to next	orn. 18–31. March 1965). page		Also count act in the Armed I	ive duty Forces.) SA work las	↓ ip ro 23 tweek (at all job
Very well  Well  Not at all  15a. Did live in this house five years ago (April 1, 1975)? If in college or Armed Forces in April 1975 or later — Turn to next page for next person Yes, this house — Skip to 16a  No, different house  b. Where did live five years ago (April 1, 1975)? St. Thomas  United States  Specify  St. Croix  O Yes, on vacation, temporary illness, labor dispute, etc.  24a. Has been looking for work during the last 4 weeks?  Yes, full-time No  No Skip to  Yes  No — Skip to  No, already has a job  No, other reasons (in school, etc.) Yes, could have taken a job  No, other reasons (in school, etc.) Yes, could have taken a job  FOR CENSUS USE ONLY  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	at home?  Yes No, only speaks English—Skip to 1Sa	а	On active due of the United	ty in the Arme d States?	d Forces		or busine	ss <u>last week</u> ?	sent or on l	ayoff from a job
Very well  Well  Not at all  19a. Is a veteran of active duty military service in the Armed Forces of the United States?  If service was in National Guard or Reserves only, see the Questionnaire Reference Book.  Per. 11. 13a. 13b. 14b. 15b. 16c. 22b. JIC  No, different house  No, different house  No, different house  Sec. 11 I I I I I I I I I I I I I I I I I I			O Yes	job or busines	is?		O Yes,	on vacation, mporary illness	, labor disp	ute, etc.
If service was in National Guard or Reserves only, see the Questionnaire Reference Book.  Yes No – Skip to 20  If service was in National Guard or Reserves only, see the Questionnaire Reference Book.  Yes No – Skip to 20  No, temporarily ill  No, other reasons (in school, etc.)  Yes, could have taken a job  FOR CENSUS USE ONLY  Per. 11. 13a. 13b. 14b. 15b. 16c. 22b. JIC  No, different house  No, different house  No, different house  I I I I I I I I I I I I I I I I I I I	Very well Not well	19a	O Yes, part-	time In of active du	ty military serv		b. Could .	have taken	a job last	No — Skip to 2S
Per   11.   13a.   13b.   14b.   15b.   16c.   22b.   J1C	(April 1, 1975)? If in college or Armed Forces		If service was see the Questi	in National Gud Ionnaire Refere	ard or Reserves once Book.  No — Skip to	only,	O No, te O No, o O Yes, o	emporarily ill ther reasons (i	n school, etc	.)
No, different house         I         I I I I         I I I I         I I I I         I I I I         I I I I         I I I I I I I I I I I I I I I I I I I	for next person				13b.	14b.	15b.	1		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
b. Where did live five years ago (April 1, 1975)?  St. Thomas  United States  Specify  St. Croix  Other	○ No, different house	1	III	III	III	I I I	III	III	I I	I I I I I
O St. Croix Other Specing 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	b. Where did live five years ago (April 1, 1975)?  St. Thomas United States	3 4	333	333	333	333	3 3 3	3 3 3	33	2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
O St. John	O St. Croix Other	6 ?	666	666	666	666	666	666	66	88888

25. When did last work, even for a few days?	CENSUS	29c. During the weeks worked in 1979, how many hours	CENSUS	USE ONI
□ 1980 ○ 1978 ○ 1970 to 1974	USE	did usually work each week?	29c. 29c	d. Z
1979 0 1975 to 1977 2 1969 or earlier Skip	26.	Hours	00 0	0 0
Never worked to 29d	]		IIII	-
Novel walker y	000	d. Of the weeks not worked in 1979 (if any), how many		SS
26—28. Current or most recent job activity:	DEF	weeks was looking for work or on layoff from a job?		3 3
Describe clearly this person's chief job activity or business last week.	000			5 5
		Weeks	66!	6 6
If this person had more than one job, describe the one at which this person worked the most hours,	GHJ	тоско	7 7	7 7
	000		88	8 8
If this person had no job or business last week, give information	1	30. Income in 1979 —	99	9 9
for last job or business since 1975.	KLM	Fill circles and print dollar amounts,	30a.	30Ь.
	000	If net income was a loss, write "Loss" above the dollar amount.  If exact amount is not known, give best estimate.		
26. Industry	000	For income received jointly by household members,	0000	1
a. For whom did work? If now on active duty	111	see the Questionnaire Reference Book.	1 1.1 1	t
in the U.S. Armed Forces, print "AF" and skip to question 29a.	555		3333	1
	3 3	During 1979, did receive any income from the following sources?	9999	
	q- q-	If "Yes" to any of the sources below –	5555	i
(Name of company, business, organization, or other employer)	5 5	How much did this person receive for the entire year?	6666	1666
	66		????	i
b. What kind of business or industry was this?	? ?	a. Wages, salary, commissions, bonuses, or tips	8888	
Describe activity at location where employed.	8.8	from all jobs —	9999	999
	99	Report amount before deductions for taxes, bonds, dues, or other items.	A O	0 4
	AF O	O. William		i
(For example: Hospital, newspaper publishing, department store,	NW O	○ Yes → \$ .00 • .00 • .00	30с.	30d.
shirt manufacturer, soft drink bottling company)	27.	(Annual amount Dollars)	0000	
c. Is this mainly — (Fill one circle)	NPQ	b. Own nonfarm business, partnership, or professional		
	-	practice — Report net Income after business expenses.	5 5 5 5	
☐ Manufacturing ☐ Retail trade	000	practice report <u>net</u> meetic area casiness expenses.	3333	1
Wholesale trade Other — (agriculture, construction,	RST	⊙ Yes → c nn	5555	
service, government, etc.)	000	○ Yes → \$ .00	6666	
27. Occupation		(Annual amount – Dollars)	7777	
a. What kind of work was doing?	UVW	c. Own farm — Report net income after operating expenses.	8888	1
a mark time of work tree in a some	0.00	Include earnings as a tenant farmer or sharecropper.	9999	999
	XYZ		0 AO	10 A
		→ Yes → \$ .00		
(For example: Registered nurse, personnel manager, supervisor of	000	No(Annual amount – Dollars)	30e.	30f.
accounting clerks, sewing machine operator, maintenance mechanic)	00	d. Interest, dividends, royalties, or net rental income -	0000	i
b. What were's most important activities or duties?	II	Report even small amounts credited to an account.	1 1 1	1 1
	S S	Acpoil over an amounts evented to an account	3 3 3	3 3
	3 3 3	Yes → \$ .00	494	99
(For example, Desires and discount bising policies examples	999	O No (Annual amount – Dollars)	5 5 5	
(For example: Patient care, directing hiring policies, supervising accounting clerks, sewing shirts, repairing machines in plant)	555		666	
	666	e. Social Security or Railroad Retirement	677	1 62
28. Was (Fill one circle)	777	○ Yes → s	888	1 18 3
Employee of private company, business	999	Yes \$ .00	999	99
or individual, for wages, salary, or commissions	mmm	(Annual amount – Dollars)	30g.	31.
Federal government employee		f. Public assistance or public welfare payments —		-
Local government employee (territorial, etc.)		Include aid to minors, old age assistance, general assistance,	0000	1 1 1
Self-employed in own business,		aid to the blind or totally disabled. Exclude separate payments	5 2 5 5	8 2 8
professional practice, or farm —		for hospital or other medical care.	3333	3 3 3
Own business not incorporated		→ Yes → § .00	9 9- 9- 9-	999
Own business incorporated		No	5 5 5 5	5 5 5
Working without pay in family business or farm		(Annual amount – Dollars)	6666	666
	29b.	g. Unemployment compensation, veterans' payments,	7777	7 7 7
29a. Last year (1979), did work, even for a few days, at a paid job		pensions, alimony or child support, or any other sources	9999	888
or in a business or farm?	U Ø	of income received regularly. Exclude lump-sum payments	2 2 2 2	2 3 5
Yes No— Skip to 29d	2 E	such as money from an inheritance or the sale of a home.		O A
110 3KIP 10 230	3 3	Yes → \$ .00	THINIIII	THITTIS
	9-9	(Annual amount – Dollars)		
b. How many weeks did work in 1979?	7.5			
Count paid vacation, paid sick leave, and military service.	6	31. What was's total income in 1979? \$		
	?	Add entries in question 30a through g;	777711111	
Weeks	8	subtract losses. If total amount was a (Annual amount - Dollars) loss, write "Loss" above amount. OR None		



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